IAP Cover Sheet Version Name: Period 7 Incident Name: 2nd 80's Fire Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00] Approved By Federal OSC: State OSC: Local OSC: Incident Commander:

Incident Action Plan

Notes

Period 7 IAP

2nd 80's Tank Farm



IAP Cover Sheet		Prepared By Planning Section, Updated 03/28/2019 21:17 UTC -6: PP	
INCIDENT ACTION PLAN SOFTWARE ^{TO}	Printed 03/28/2019 21:33 UTC -6:00	Page 1 of 103	© TRG

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Weather Report Version Name: 20190328 22:00 Incident Name: 2nd 80's Fire Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Present Conditions

Weather Conditions as of 03/28/2019 21:18

deer park station id: PWS_KTXDEERP19

Temperature: 67° Fahrenheit

Wind Speed: 0 mph

Wind Direction (from): SE

Visibility: mile(s)

Humidity (%): 82

: Mostly Cloudy Night

: Mostly Cloudy

Current Speed:

Current Direction (to):

Water Temperature: ° Fahrenheit

Feels Like: 67° Fahrenheit

Dew Point: 61° Fahrenheit

Pressure: 29.91 psi

UV Index:

Sunrise: 07:13

Sunset: 19:36

Wave Height: feet feet

Wave Direction: SE

Swell Interval: day(s) feet

	•			, ,
Forecast Date				
Thu 03/28/2019	73 F	Partly Cloudy Chance of Precipitation(%): 0% Wind: 12 mph	64 F	Partly Cloudy Chance of Precipitation(%): 10% Wind: 9 mph
	701	· · · · · · · · · · · · · · · · · · ·	011	·
Fri 03/29/2019		Mostly Cloudy with Isolated Showers Chance of Precipitation(%): 22%	A	Partly Cloudy Chance of Precipitation(%): 9%
	74 F	Wind: 12 mph	63 F	Wind: 10 mph
Sat 03/30/2019		Partly Cloudy with Scattered Storms Chance of Precipitation(%): 40%	和	Mostly Cloudy with Thunderstorms Likely Chance of Precipitation(%): 49%
	79 F	Wind: 6 mph	51 F	Wind: 11 mph
		Tides		

	Hues					
	Tide	Height	UOM	Time	Tide Station Location	
Fri	Low	0.203	feet	11:11	Lynchburg Landing, San Jacinto River, Tx Us	
03/29/2019	High	1.523	feet	20:08	Lynchburg Landing, San Jacinto River, Tx Us	
Sat	Low	0.224	feet	12:09	Lynchburg Landing, San Jacinto River, Tx Us	
03/30/2019	High	1.524	feet	20:36	Lynchburg Landing, San Jacinto River, Tx Us	
Sun	Low	0.251	feet	13:03	Lynchburg Landing, San Jacinto River, Tx Us	
03/31/2019	High	1.507	feet	20:59	Lynchburg Landing, San Jacinto River, Tx Us	

Weather Report		Prepared By Kevin Madison, Updated 03/28/2019 21:20 UTC -6:00 PP	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:06 UTC -6:00	Page 3 of 105	© TRG

Map/Sketch Version Name: 20190329 Division Overview Map

Incident Name: 2nd 80's Fire Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Incident Map/Sketch

20190329 Division Overview Map



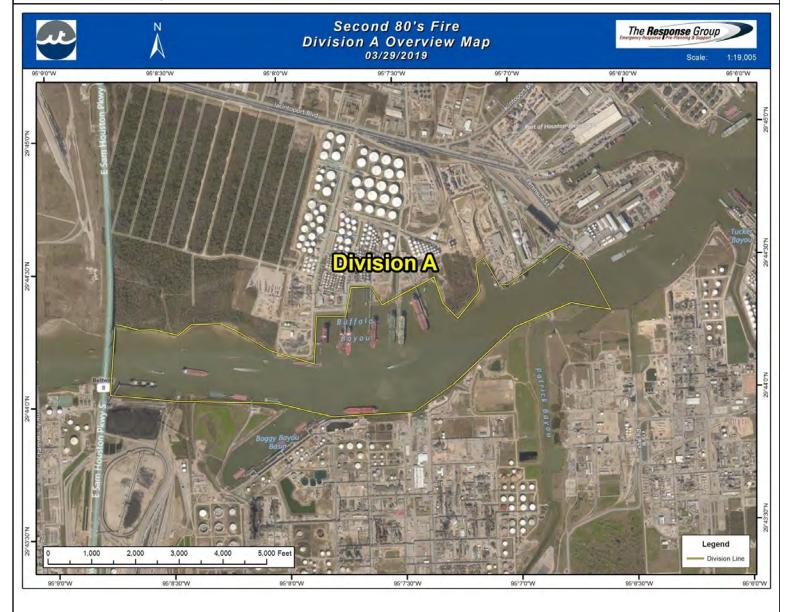
Map/Sketch		Prepared By Planning, Updated 03/28/2019 19:56 UTC -6:00 PP	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:06 UTC -6:00	Page 4 of 105	© TRG

Map/Sketch Version Name: 20190329 Division A Map

Incident Name: 2nd 80's Fire Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Incident Map/Sketch

20190329 Division A Map



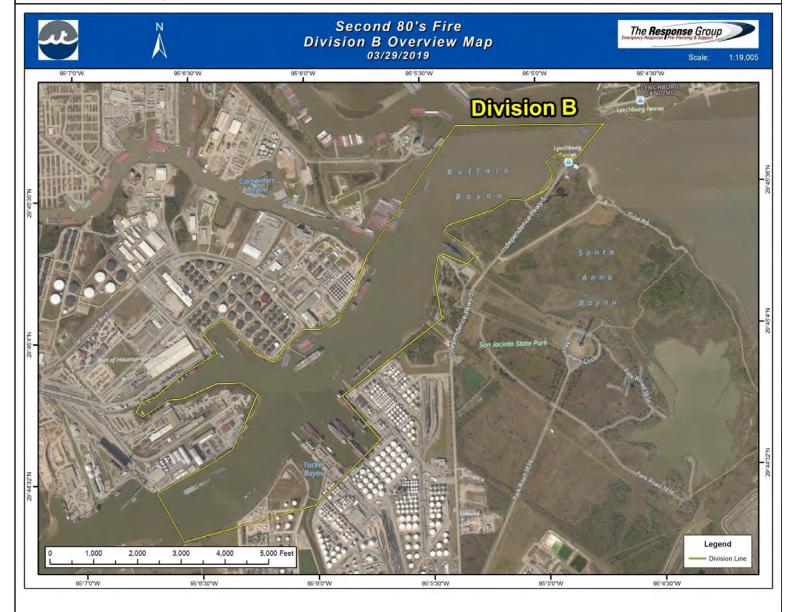
Map/Sketch		Prepared By Planning, Updated 03/28/2019 19:48 UTC -6:00 Pl	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:06 UTC -6:00	Page 5 of 105	©TRG

Map/Sketch Version Name: 20190329 Division B Map

Incident Name: 2nd 80's Fire Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Incident Map/Sketch

20190329 Division B Map



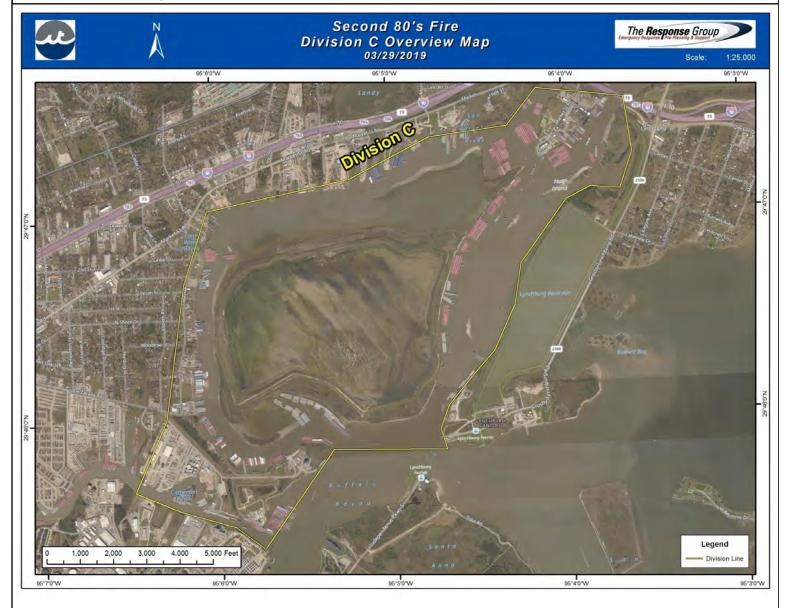
Map/Sketch		Prepared By Planning, Updated 03/28/2019 19:49 UTC -6:00 PF	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:07 UTC -6:00	Page 6 of 105	© TRG

Map/Sketch Version Name: 20190329 Division C Map

Incident Name: 2nd 80's Fire Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Incident Map/Sketch

20190329 Division C Map



Map/Sketch		Prepared By Planning, Updated 03/28/2019 19:50 UTC -6:00 PF	
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Map/Sketch Version Name: 20190329 Division D Map

Incident Name: 2nd 80's Fire Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Incident Map/Sketch

20190329 Division D Map



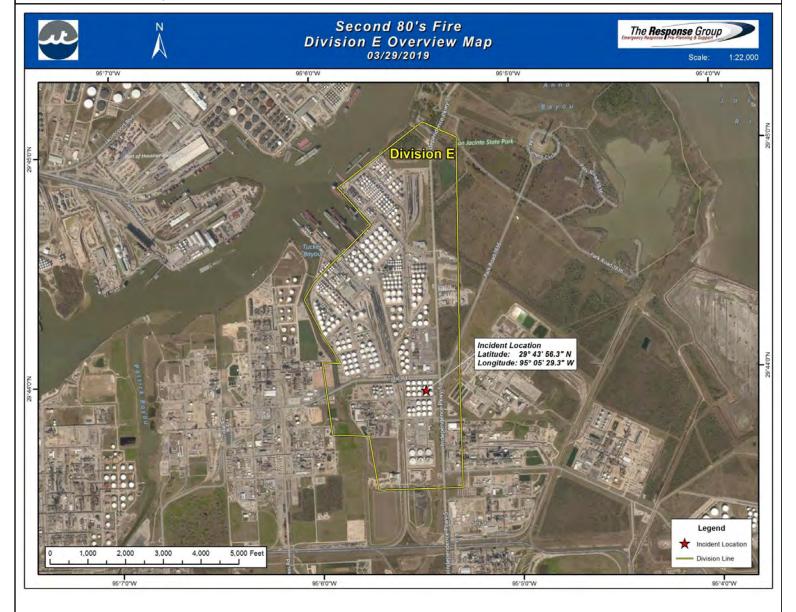
Map/Sketch		Prepared By Planning, Updated 03/28/2019 19:51 UTC -6:00 PP	
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Map/Sketch Version Name: 20190329 Division E Map

Incident Name: 2nd 80's Fire Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Incident Map/Sketch

20190329 Division E Map



Map/Sketch		Prepared By Planning, Updated 03/28/2019 19:54 UTC -6:00 PF	
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Map/Sketch Version Name: 20190329 Decon Map

Incident Name: 2nd 80's Fire Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Incident Map/Sketch

20190329 Decon Map



Map/Sketch		Prepared By Planning, Updated 03/28/2019 19:47 UTC -6:00 PP	
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ICS 202 - Incident Objectives			Version Name: Period 7
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29	0/2019 07:00 - 03/30/2019 07:00]
	Objec	tive(s)	
Ensure the Safety of the Public and Res	sponse Personnel.		
Opening of Independence Parkway	to Limited Traffic Flow		
Maximize the Protection of Public Healt	h and Welfare.		
Maximize Protection of Environmentally	and Socially Sensitive A	reas.	
Monitor, Recover, and Rehabilitate Imp	acted Wildlife		
Maintain Fire Suppression Activities to Stabilization.		Suppress Vapor. Continue Asses	sing Risk in Tank Area for Site
Continue Execution of Water and Produ			
Minimize Further Release of Product fro	om the Facility.		
Contain and Recover Spilled Material.			
Prevent Further Impacts to Maritime Tra	<u> </u>		
Ensure Port Recovery and Restoration.			
Keep the Public, Stakeholders and the	Media Informed of Respo	nse and Recovery Activities.	
Operational Period Com	mand Emphasis (Safety	/ Message, Priorities, Key Dec	isions/Directions)
Safety is the number one priority. All resupervisor immediately.	sponders have "Stop Wo	rk Authority." Report any unsafe	e acts or situation to your
ICS 202 - Incident Objectives		Prepared By Planning Section	n. Updated 03/28/2019 08:27 UTC -6: PP
ICS 202 - Incident Objectives			n, Updated 03/28/2019 08:27 UTC -6: PP
INCIDENT ACTION PLAN SOFTWARE™ Printe	d 03/28/2019 23:07 UTC -6:00	Page 11 of 105	© TRG

Indidant Name Coll COL	t List			Design to Design	1 7 [00/00/0040 07 0	0. 00/00/0	Division
Incident Name: 2nd 80's F	ire				d 7 [03/29/2019 07:0	0 - 03/30/20)19 07:00
D = = '4' = ==	144		Operations Pers	onnel	O and and Married and	-> 14// 6	1. ***
Position	Name		Affiliation		Contact Number(,	
Operations Section Chief	Jacobso		ITC		713-516-6916	Day Sh	
Deputy Operations Section Chief	Burditt, C	John ITC		832-240-644		Day Sh	ft
Deputy Operations Section Chief	Cadena,	Hector	ITC		832-284-3127	Night S	nift
Deputy Operations Section Chief (USCG)	Shamilo	v, Rafael	USCG		415-786-4750	Day Sh	ft
Deputy Operations Section Chief (USCG)	Tilimon,	Matthew	USCG		832-256-3261	Day Sh	ft
Water Operations Branch Director	McLellar	nd, Reid	ITC		281-838-7567	Day Sh	ft
Water Operations Branch Director	Young, I	Kevin	ITC		281-786-9383	Night S	nift
Water Operations Branch Director	Carroll,	Amos	USCG		(832) 256-3265	Day Sh	ft
Water Operations Branch Director	Swanne	y, Kyle	USCG		(832) 256-7210	Night S	nift
Division A Supervisor	Ward, Ta	aylor	USCG		251-300-4189	Day Sh	ft
			Resources Requ	uired			
Area Of Operation		Resource Kin	d	Description		Quantity	Size
Division A		Boom		Boom (18")		4200	
Division A		Work Barge		Barge Boat		11	
Division A		Skimming Ves	sel	Small Capacity Skimming Vessel		10	
Division A		Safety Person	nel	Air Monitoring Personnel		1	
Division A		Work Boat		Work Boat		14	
Division A		Boat Operator		Boat Operator		35	
		Spill Tech		Spill Tech			
Division A		Opiii i ccii		Spill rech		66	
Division A Division A		Vacuum Truck	130 bbl	Vacuum Truck 1	130 bbl	5 5	
				. .			
Division A		Vacuum Truck		Vacuum Truck 1		5	
Division A		Vacuum Truck Vacuum Truck	70 bbl	Vacuum Truck 1 Vacuum Truck 7		5 5	
Division A Division A Division A		Vacuum Truck Vacuum Truck Weir Skimmer Hose/Accesso	70 bbl	Vacuum Truck 1 Vacuum Truck 7 Weir Skimmer Duckbill	70 bbl	5 5 10	
Division A Division A Division A Division A		Vacuum Truck Vacuum Truck Weir Skimmer Hose/Accesso	70 bbl ries	Vacuum Truck 1 Vacuum Truck 7 Weir Skimmer Duckbill Small Vessel Sk	70 bbl	5 5 10 10	

ICS 204 - Assignment List		Updated 03/28/2019 15:10 UTC -6:0		
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:07 UTC -6:00	Page 12 of 105	© TRG	

ICS 204 - Assignment List	Division: Division A
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

As directed, conduct booming and recovery operations in Division A.

Maintain diversion booms off of Shell (Site #1) and Stolthaven (Site #2), Stolthaven (Site #3), near Patrick Bayou (Site #4) docks. Based on changing weather conditions, be prepared to adjust containment & recovery tactics as necessary.

OPBD will direct skimming assets throughout Division as needed.

- PROTECTION -

Maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.

54-B Patrick Bayou54-C Drainage Ditch

- RECOVERY -

Small capacity skimming vessels to utilize support vessels equipped with totes to offload product.

Vacuum Trucks will be offloaded at KSolv facility.

Communications					
Name / Function	Contact Details				
Marine - USCG OPS / Tactical	Marine - USCG OPS 81A				
Marine - Hailing and Emergency / All	Marine - Hailing and Emergency 16				
Marine - OMI-On-water OPS / Tactical	Marine - OMI-On-water OPS 67				
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15				

Special Environmental Considerations

Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.

ICS 204 - Assignment List		Updated 03/28/2019 15:10 UTC -6:0		
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ICS 204 - Assignment List Division: Division A Incident Name: 2nd 80's Fire Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Special Site-Specific Safety Considerations

Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.

Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.

All equipment and personnel must be decontaminated prior to leaving the hot zone. Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartriges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com

ICS 204 - Assignment List		Updated 03/28/2019 15:10 UTC -6:00		
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Incident Name: 0-4 001- F	iro				Doriod Dorio	4 7 [02/20/2040 07:	20 02/20	2010 07:01
Incident Name: 2nd 80's F	ire		Onematicus	Davis		d 7 [03/29/2019 07:	03/30/	2019 07:00
Position	Name		Operations Affiliation	Perso	onnei	Contact Number	(c) Work	Shift
Operations Section Chief	Jacobso	n leff	ITC			713-516-6916	Day S	
Deputy Operations	Burditt,		,			832-240-6440	Day S	
Section Chief	Baraitt,					002 240 0440		
Deputy Operations Section Chief	Cadena	, Hector	ITC			832-284-3127	Night	Shift
Deputy Operations Section Chief (USCG)	Shamilo	ov, Rafael	USCG			415-786-4750	Day S	Shift
Deputy Operations Section Chief (USCG)	Tilimon,	Matthew	USCG			832-256-3261	Day S	Shift
Water Operations Branch Director	McLella	nd, Reid	ITC			281-838-7567	Day S	Shift
Water Operations Branch Director	Young,	Kevin	ITC			281-786-9383	Night	Shift
Water Operations Branch Director	Carroll,	Amos	USCG			(832) 256-3265	Day S	Shift
Water Operations Branch Director	Swanne	ey, Kyle	USCG			(832) 256-7210	Night	Shift
Division B Supervisor	Livingst	on, Gregory	USCG			860-857-4997	-4997 Day Shift	
Division B Supervisor	Osborn	e, Scott	ITC			903-391-4831	Day S	Shift
			Resources	Requ	uired		·	
Area Of Operation		Resource K	ind		Description		Quantity	Size
Division B	Boom			Boom (18")			4000	
Division B		Work Barge		Barge Boat			19	
Division B		Skimming Ve	ssel Small Capacity		Skimming Vessel	10		
Division B		Safety Perso	nnel	nnel Air Monitoring		ersonnel	56	
Division B		Fire Boat	Fire Boat			1		
Division B		Work Boat		Work Boat			21	
Division B		OSRV	OSRV			2		
Division B		Boat Operate	or	Boat Operator			56	
Division B		Spill Tech			Spill Tech		137	
Division B		Shallow Wat	er Barge (SWB))	Shallow Water Barge (SWB) with Skimmers		6	
Division B		Offshore Boo	om		Offshore Boom		2640	67 inch
Division B		Vacuum Tru	ck 130 bbl		Vacuum Truck 130 bbl		10	
Division B		Vacuum Tru	ck 70 bbl		Vacuum Truck 70 bbl		5	
Division B		Weir Skimme	er		Weir Skimmer		10	
Division B		Small Vesse	l Skimming Pac	kage	Small Vessel Skimming Package (Drum Skimmer, Air C		10	
Division B		Anchors			Anchors		20	
Division B		Portable Tar	ık		Portable Tank		10	
Division B		Storage Barg	ge (Inland)		Storage Barge (Inland)		1	
Division B		42" Harbor E	Boom		42" Harbor Boo	m	4500	
Division B		Drum Skimm	ner		Drum Skimmer		10	
ICS 204 - Assignment Lis	st					Undated (03/25/2019 18	3:47 UTC -6:0
- Assignment Lis	,.					- Jopualeu (. S. E. G. E. G. T. G. T. G.	515 6.0

ICS 204 - Assignment List	Division: Division B
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Resources Required						
Area Of Operation	Resource Kind	Description	Quantity	Size		
Division B						

PROTECTION -

Deploy & Maintain Patrick's Bayou entrance J Boom (Site #1). Anchor boom at San Jacinto Port (Site#4). Maintain and delploy addition boom as needed at Tucker's Bayou and ITC slips.

Continue to maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed. Deploy boom to continue pushing oil back towards the south side of the docks and back into Tucker Bayou. Maintain boom specifically at San Jacinto Port.

Conduct additional booming operations as needed.

Maintain 67" offshore boom (2640') at mouth of Tucker Bayou and ITC slips.

40-J Carpenters Bayou

40-K Battleship

40-I Entrance to Old River

- RECOVERY -

-San Jacinto Port-

At Site #6 utilize assigned (5) Marcos and (10) Vacuum Trucks 130 bbls. At Site #7 use (3) Marco skimmers to recover pocketed oil. Continue sourcing tank barge for recovery storage capacity.

In coordination with air operations, crews to conduct on water recovery operations using boom, vessels, skimmers and barges along the Ship Channel as necessary.

OPBD will coordinate large capacity skimming vessels as needed. 24/Hr skimming operations will be conducted by large capacity skimming vessels.

From Patrick's Bayou to entrance of Tucker's Bayou, conduct recovery opertions utilizing (4) Marco Skimmers, (10) Small Vessel Skimming Package vessels

Tucker's Bayou/ITC Docks –

MSRC will recover product with (4) Marco Skimmers, (3) GT185 skimmers, (3) Queensboro Skimmers, and (6) Shallow water barges, or in other locations as directed by USCG.

(Coordinate this portion of Operations with Division E) NRC will recover product utilizing (9) foilex skimmers and (20) vacuum trucks at ITC Dock.

Small capacity skimming vessels to utilize support vessels equipped with totes to offload product.

(1) 30k bbl storage barge will be used to offload product recovered from Divisions A & B.

Vacuum Trucks will be offloaded at KSolv facility.

Communications				
Name / Function	Contact Details			
Marine - USCG OPS / Tactical	Marine - USCG OPS 81A			
Marine - Hailing and Emergency / All	Marine - Hailing and Emergency 16			
Marine - OMI-On-water OPS / Tactical	Marine - OMI-On-water OPS 67			
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15			

ICS 204 - Assignment List		Updated 03/25/2019 18:47 UTC -6:00		
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ICS 204 - Assignment List	Division: Division B
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Special Equipment / Supplies Needed for Assignment

Utilize Viscous Sweep & Sorbent Boom as needed.

Special Environmental Considerations

Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

Special Site-Specific Safety Considerations

Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.

Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.

All equipment and personnel must be decontaminated prior to leaving the hot zone.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartriges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com

ICS 204 - Assignment List		Updated 03/25/2019 18:47 UTC -6:0		
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ICS 204 - Assignmen				.	1 17 100 100 100 100 100	Division:	
Incident Name: 2nd 80's F	ire				riod 7 [03/29/2019 07:0	00 - 03/30/20	019 07:0
Do aitio u	14/2-22		Operations	Personnel	On min of Minmah and	(a) 14/a u/a 6	NI_ : £4
Position Coation Chief	Name	- l-#	Affiliation		Contact Number(
Operations Section Chief	Jacobso		ITC		713-516-6916	Day Sh	
Deputy Operations Section Chief	Burditt,	John	ITC		832-240-6440	Day Sh	IIT
Deputy Operations Section Chief	Cadena	, Hector	ITC		832-284-3127	Night S	hift
Deputy Operations Section Chief (USCG)	Shamilo	v, Rafael	USCG		415-786-4750	Day Sh	ift
Deputy Operations Section Chief (USCG)	Tilimon,	Matthew	USCG		832-256-3261	Day Sh	ift
Water Operations Branch Director	McLella	nd, Reid	ITC		281-838-7567	Day Sh	ift
Water Operations Branch Director	Young,	Kevin	ITC		281-786-9383	Night S	hift
Water Operations Branch Director	Carroll,	Amos	USCG		(832) 256-3265	Day Sh	ift
Water Operations Branch Director	Swanne	y, Kyle	USCG		(832) 256-7210	Night S	hift
Division C Supervisor	Kyser, C	Christopher	r USCG 713-204-6978		Day Sh	Day Shift	
Division C Supervisor	Anderso	n, Byron	· ·		832-466-6646	Day Sh	ift
	•		Resources	Required			
Area Of Operation		Resource Ki	nd	Description		Quantity	Size
Division C		Boom		Boom (18")		6000	
Division C		Work Barge		Barge Boat		10	
Division C		Skimming Ve	ssel	Small Capaci	ity Skimming Vessel	10	
Division C		Safety Persor	nnel	Air Monitoring	g Personnel	30	
Division C		Work Boat		Work Boat		15	
Division C		Boat Operato	r	Boat Operator		42	
Division C		Spill Tech		Spill Tech		80	
Division C		Shallow Wate	er Barge (SWB)	Shallow Water Barge (SWB) with Skimmers		1	
Division C		Vacuum Truc	k 130 bbl	Vacuum Truck 130 bbl		20	
		Storage Barg	e (Inland)	Storage Barge (Inland)		1	
Division C		Belt Skimmer		Marco Skimmer		16	+

ICS 204 - Assignment List			Updated 03/25/2019 18:48 UTC -6:00
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ICS 204 - Assignment List	Division: Division C
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

- PROTECTION -

Continue to deploy and maintain hard boom to contain oil as directed. Continue to line hard boom with sweep as directed.

Assess and deploy boom as directed in Hog Island area.

Move/Maintain boom across San Jacinto river at Lynchburg Ferry & Monument side. Open boom prior to ship traffic at 0730 HRS and close after stoppage of ship traffic at 19:30.

Utilize hard boom to contain pockets of oil in Carpenter's Bayou as directed, and line with sweep.

Maintain boom at Cemex dock.

Maintain and deploy boom in Division C as directed by Division Supervisor to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.

40-L Entrance to San Jacinto River

40-F San Jacinto River Marsh

40-G Burnet Bay Marsh

- RECOVERY -

Utilize (8) Marco Skimmers to recover oil at mouth of Old River and into Old river fleeting area as directed.

Utilize (8) Marco Skimmers in Carpenters bayou as directed. Utilize (10) Vacuum Trucks in Carpenter's Bayou as directed.

Small capacity skimming vessels to utilize (10) vacuum trucks staged at Independence Parkway/ West Landing of Lynchburg Ferry and KSolv facility to offload recovered product.

OPBD will direct skimming assets throughout Division as needed.

(1) 30k bbl storage barge will be used to offload product recovered from Divisions C & D.

Vacuum Trucks will be offloaded at KSolv facility.

Communications			
Name / Function	Contact Details		
Marine - USCG OPS / Tactical	Marine - USCG OPS 81A		
Marine - Hailing and Emergency / All	Marine - Hailing and Emergency 16		
Marine - OMI-On-water OPS / Tactical	Marine - OMI-On-water OPS 67		
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15		

Special Equipment / Supplies Needed for Assignment

Utilize Viscous Sweep & Sorbent Boom as needed.

Special Environmental Considerations

Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.

ICS 204 - Assignment List			Updated 03/25/2019 18:48 UTC -6:00
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ICS 204 - Assignment List	Division: Division C
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Special Site-Specific Safety Considerations

Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.

Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.

All equipment and personnel must be decontaminated prior to leaving the hot zone.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartriges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com

CS 204 - Assignment List		Updated 03/25/2019 18:48 UTC -6:00		
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ICS 204 - Assignment List					Division: I	Division D
Incident Name: 2nd 80's Fire			Period: Period	d 7 [03/29/2019 07:0	00 - 03/30/20	19 07:00
		Operations Pers	sonnel			
Name		Affiliation		Contact Number	(s) Work S	hift
Jacobson	, Jeff	ITC		713-516-6916	Day Shi	ft
3urditt, Jo	ohn	ITC		832-240-6440	Day Shi	ft
Cadena, I	Hector	ITC		832-284-3127	Night SI	nift
Shamilov,	, Rafael	USCG		415-786-4750	Day Shi	ft
Tilimon, N	/latthew	USCG		832-256-3261	Day Shi	ft
McLelland	d, Reid	ITC		281-838-7567	Day Shi	ft
Young, K	evin	ITC		281-786-9383	Night SI	nift
Carroll, A	mos	USCG		(832) 256-3265	Day Shi	ft
Swanney	, Kyle	USCG		(832) 256-7210	Night SI	nift
 Myers, Ja	nmichael	USCG		630-390-8615	Day Shi	ft
		Resources Req	uired	•		
1	Resource Kin	d	Description		Quantity	Size
E	Boom		Boom (18")		4000	
1	Work Barge		Barge Boat		12	
Skimming Vessel		sel	Small Capacity	Skimming Vessel	2	
	Safety Personr	nel	Air Monitoring P	ersonnel	1	
1	Work Boat		Work Boat		6	
F	Boat Operator		Boat Operator		20	
	Spill Tech		Spill Tech		46	
\	Vacuum Truck	130 bbl	Vacuum Truck 1	30 bbl	3	
	Small Vaccal S	kimming Package	Small Vessel Sk	ximming Package	10	
	Siliali vessei S	Mirining r dokage	(Drum Skimmer	, Air C		
	Anchors			, Air C	15	
	Jacobson Burditt, Jo Burditt, Jo Cadena, Chamilov Tilimon, M McLelland Young, K Carroll, A Swanney Myers, Ja I	lacobson, Jeff Burditt, John Cadena, Hector Chamilov, Rafael Cilimon, Matthew McLelland, Reid Coung, Kevin Carroll, Amos Cwanney, Kyle Myers, Janmichael Resource Kind Boom Work Barge Skimming Vess Safety Personr Work Boat Boat Operator	Name Affiliation Iacobson, Jeff ITC Burditt, John ITC Cadena, Hector ITC Chamilov, Rafael USCG Tilimon, Matthew USCG McLelland, Reid ITC Carroll, Amos USCG Swanney, Kyle USCG Myers, Janmichael USCG Resource Kind Boom Work Barge Skimming Vessel Safety Personnel Work Boat Boat Operator	Burditt, John ITC Burditt, John ITC Cadena, Hector ITC Chamilov, Rafael USCG Filimon, Matthew USCG McLelland, Reid ITC Coung, Kevin ITC Carroll, Amos USCG Swanney, Kyle USCG Myers, Janmichael USCG Resources Required Resource Kind Description Boom Boom (18") Work Barge Barge Boat Skimming Vessel Small Capacity Safety Personnel Air Monitoring P Work Boat Boat Operator Boat Operator	Name Affiliation Contact Number (13-516-6916) Barditt, John ITC 713-516-6916 Barditt, John ITC 832-240-6440 Cadena, Hector ITC 832-284-3127 Shamilov, Rafael USCG 415-786-4750 Filimon, Matthew USCG 832-256-3261 McLelland, Reid ITC 281-838-7567 Young, Kevin ITC 281-786-9383 Carroll, Amos USCG (832) 256-3265 Swanney, Kyle USCG (832) 256-7210 Myers, Janmichael USCG 630-390-8615 Resource Kind Description Boom Boom (18") Work Barge Barge Boat Skimming Vessel Small Capacity Skimming Vessel Safety Personnel Air Monitoring Personnel Work Boat Work Boat Boat Operator Boat Operator	Name Affiliation Contact Number(s) Work S Jacobson, Jeff ITC 713-516-6916 Day Shi Burditt, John ITC 832-240-6440 Day Shi Cadena, Hector ITC 832-284-3127 Night Sl Shamilov, Rafael USCG 415-786-4750 Day Shi McLelland, Reid ITC 281-838-7567 Day Shi McLelland, Reid ITC 281-786-9383 Night Sl Coung, Kevin ITC 281-786-9383 Night Sl Carroll, Amos USCG (832) 256-3265 Day Shi Swanney, Kyle USCG (832) 256-7210 Night Sl Myers, Janmichael USCG 630-390-8615 Day Shi Resource Kind Description Quantity Boom Boom (18") 4000 Work Barge Barge Boat 12 Skimming Vessel Small Capacity Skimming Vessel 2 Safety Personnel Air Monitoring Personnel 1 Work Boat Boat Operator 20

ICS 204 - Assignment List			Updated 03/24/2019 18:34 UTC -6:00
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ICS 204 - Assignment List	Division: Division D
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

- PROTECTION -

Continue to deploy and maintain hard boom to contain oil as directed. Continue to line hard boom with sweep as directed. Utilize (1) airboat to deploy hard boom and sweep at the mouth of the Santa Anna Bayou. Adjust diversion boom at Bostco to angle further to the East. Contain pocket of product inside boom at Bostco. Place hard boom from Monument Inn Southeast to protect the Sandy shore.

Deploy and maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.

40-M Baytown Nature Center 54-D San Jacinto Battleground State Park 54-N Baytown Nature Center TPW-1 St. Mary's Beach

- RECOVERY -

Line deployed hard boom with sweep.

Small capacity skimming vessels to utilize support vessels equipped with totes to offload product.

OPBD will direct skimming assets throughout Division as needed.

Vacuum Trucks will be offloaded at KSolv facility.

Communications				
Name / Function Contact Details				
Marine - USCG OPS / Tactical	Marine - USCG OPS 81A			
Marine - Hailing and Emergency / All	Marine - Hailing and Emergency 16			
Marine - OMI-On-water OPS / Tactical	Marine - OMI-On-water OPS 67			
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15			

Special Equipment / Supplies Needed for Assignment

Utilize Viscous Sweep & Sorbent Boom as needed.

Special Environmental Considerations

Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.

ICS 204 - Assignment List			Updated 03/24/2019 18:34 UTC -6:00
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ICS 204 - Assignment List	Division: Division D
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Special Site-Specific Safety Considerations

Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.

Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift. If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.

All equipment and personnel must be decontaminated prior to leaving the hot zone.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartriges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com

ICS 204 - Assignment List			Updated 03/24/2019 18:34 UTC -6:00
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Incident Name: 2nd 80's F	iro			Pariod: Pario	d 7 [03/29/2019 07:00) - U3/3U/3(10 07:00	
modern Name. 2nd 0031	116		Operations Pe		u / [03/29/2019 07.00	7 - 03/30/20	713 07.00	
Position	Name		Affiliation	, some	Contact Number(s) Work S	hift	
Operations Section Chief	Jacobso	on, Jeff	ITC		713-516-6916	Day Sh		
Deputy Operations Section Chief	Burditt, .	John	ITC		832-240-6440	Day Sh	ift	
Deputy Operations Section Chief	Cadena	, Hector	ITC		832-284-3127	Night S	hift	
Deputy Operations Section Chief (USCG)	Shamilo	v, Rafael	USCG		415-786-4750	Day Sh	ift	
Deputy Operations Section Chief (USCG)	Tilimon,	Matthew	USCG		832-256-3261	Day Sh	ift	
Water Operations Branch Director	McLella	nd, Reid	ITC		281-838-7567	Day Sh	ift	
Water Operations Branch Director	Young, Kevin		ITC		281-786-9383	Night S	Night Shift	
Water Operations Branch Director	Carroll,	Amos	USCG		(832) 256-3265	Day Sh	ift	
Water Operations Branch Director	Swanne	y, Kyle	USCG		(832) 256-7210	Night S	Night Shift	
Mobile Decon Group Supervisor	Ruff, Za	ch	USCG		614-795-1689 Day Shi		ift	
			Resources Re	equired				
Area Of Operation		Resource Kin	d	Description		Quantity	Size	
Decon Group		Vessel		Barge Boat		20		
Decon Group		Work Boat		Work Boat 2		20		
Decon Group		Boat Operator		Boat Operator		32		
Decon Group		Decon Person	nel	Decon Personnel		105		
Decon Group		Boom		Boom		9000	18 inch (es)	
Decon Group		Sorbent: Boom	1	Sorbent: Boom		9000		
Decon Group		Hot Water Pre	ssure Washer	Hot Water Pressure Washer		15		

ICS 204 - Assignment List			Updated 03/26/2019 21:55 UTC -6:00
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ICS 204 - Assignment List	Group: Decon Group
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Outfit, maintain, and continue to identify additional decon sites as required. Spot check teams will conduct assessment of level of contamination and direct contaminated vessels to decon site. Coordinate with MTSRU to prioritize vessels for decon. Vessel inspection team advise VTS via 21A on all ship (piloted vessels) statuses, transitting through zone and then follow-up and notify Decon Group Supervisor. Advise VTS of any tows needed decontamination. Decon operations to be conducted per the approved Decontamination Plan.

Decon Sites:
Shell Deer Park
South of Lynchberg
Barbours Point / Lash docks, Enterprise dock 7 & LBC dock 4
Southwest Shipyard

Kirby Cleaning facility (Carpenters Bayou)

Assess and work logistics for Channel Ship Yard (San Jac.) & Old River Kirby (Old River) as potential decon sites.

Vessels will be decontaminated after containment boom is deployed after lashing and securing the vessel. Sorbent material (pads & boom) will be used to recover any residual product/runoff from the decon operation.

- (6) Decon Teams will be deployed, (1) to each site, and each Decon Team will consist of:
- (1) Response Boat

ITC Pasadena

- (2) Barges for washdown
- (14) Decon technicians

All waste generated during equipment decontamination will be handled in accordance with Federal, State, and Local regulations.

Special Instructions

USCG Decon Examiner will complete the Decontamination Form for each vessel. Turn in all completed forms to the Decon Group Supervisor at the end of each shift.

Communications				
Name / Function	Contact Details			
Marine - USCG OPS / Tactical	Marine - USCG OPS 81A			
Marine - Hailing and Emergency / All	Marine - Hailing and Emergency 16			
Marine - OMI-On-water OPS / Tactical	Marine - OMI-On-water OPS 67			
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15			

Special Equipment / Supplies Needed for Assignment

VHF Radio Camera

Special Environmental Considerations

Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.

ICS 204 - Assignment List			Updated 03/26/2019 21:55 UTC -6:00
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ICS 204 - Assignment List	Group: Decon Group
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Special Site-Specific Safety Considerations

Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.

Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than 0.5 ppm, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256) or Mike Taylor (281) 667-1771 on Night Shift.

If available don Full-Face respirator with organic cartridge prior reentry. If Benzene level reaches 25ppm or above, evacuate the area and notify Mike Gaudet. Do not reenter without donning a supplied air respirator.

All equipment and personnel must be decontaminated prior to leaving the hot zone.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartriges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com

ICS 204 - Assignment List			Updated 03/26/2019 21:55 UTC -6:00
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ICS 204 - Assignmen	τLIS	ST.				Group: On-	-vvater Al	r Monitoring (
Incident Name: 2nd 80's Fi	re				Period: Period	d 7 [03/29/201	9 07:00 -	03/30/2019 (
				Opera	tions Personnel			
Position	Nan	1е		Affiliation		Contact Number(s)		Work Shift
Operations Section Chief		bson, Jeff		ITC		713-516-6916		Day Shift
Deputy Operations Section Chief	Burc	ırditt, John		ITC		832-240-6440		Day Shift
Deputy Operations Section Chief	Cad	adena, Hector		ITC		832-284-312	27	Night Shift
Deputy Operations Section Chief (USCG)	Shai	milov, Rafae	I	USCG		415-786-475	50	Day Shift
Deputy Operations Section Chief (USCG)	Tilim	on, Matthew	I	USCG		832-256-326	51	Day Shift
Water Operations Branch Director	McL	elland, Reid		ITC		281-838-756	57	Day Shift
Water Operations Branch Director	You	ng, Kevin		ITC		281-786-938	33	Night Shift
Water Operations Branch Director	Carr	rroll, Amos		USCG		(832) 256-32	265	Day Shift
Water Operations Branch Director	Swa	anney, Kyle		USCG		(832) 256-7210		Night Shift
On-Water Air Monitoring Supervisor	Lope	ez, Christopher		ITC		281-744-3490		Day Shift
On-Water Air Monitoring Supervisor	Shui	nda, Alexander USC		USCG		609-351-7153		Day Shift
				Incid	ent Resources	•		
Area Of Operation		Resource I	Kind	1	Description (Equip ID)	Quantity	Size	Status
On-Water Air Monitoring G	roup	Equipment:	PPE		3M 6003/07047 Respirator Cartridge 2 pk	20 each		En route
On-Water Air Monitoring G	roup	Equipment:	PPE		3M Half Face 6300/07026 Respirator	20 each		En route
On-Water Air Monitoring G	roup	Equipment:	Safety	į	5-Gas PID Meters	7 each		Availab
On-Water Air Monitoring G	roup	Vessel		l	JSCG TANB (26184)	2 each		Assigne
On-Water Air Monitoring Group)	Manpower:	Respo	nder l	JSCG TANB crew	3 each		Assigne
				As	ssignments			<u>'</u>
USCG Strike Team to cond	duct a	ir monitoring	throug	ghout all	divisions as directed.			
					nmunications			
Name / Function				ct Detai				
Marine - USCG OPS / Tac					OPS 81A			
Marine - Hailing and Emerg					g and Emergency 16			
Marine - OMI-On-water OF					On-water OPS 67			
Operations/Safety/Incident	Com	mand /	Opera	tions/Saf	ety/Incident Command 15			

ICS 204 - Assignment List		Updated 03/28/2019 15:02 UTC -6:		
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ICS 204 - Assignment List	Group: On-Water Air Monitoring Group	
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	

Special Environmental Considerations

Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

Special Site-Specific Safety Considerations

Follow all traffic signs, posted speeds limits and stay on paved roads. Maintain situational awareness while driving. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working close to open water or onboard a vessel.

Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartriges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com

ICS 204 - Assignment List		Updated 03/28/2019 15:02 UTC -6:00		
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ICS 204 - Assignment List	Division: Division E		
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]		

Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift	
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift	
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift	
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift	
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift	
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift	
Division E Supervisor	Willis, Hunter	ITC	346-233-2879	Day Shift	
Division E Supervisor	Brescia, Nicolas	Environmental Protection Agency	214-789-8383	Day Shift	

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Division E	Boom	Boom (18")	1000	
Division E	Spill Tech	Spill Tech	5	
Division E	Vacuum Truck 70 bbl	Vacuum Truck 70 bbl	3	

Assignments

- PROTECTION -

Maintain boom to protect water intakes and environmentally sensitive areas in coordination with Division Supervisor and Environmental Unit Leader. Deploy additional GRPs as needed.

54-A Tucker Bayou

Industrial Water Intake 4053

- RECOVERY -

Coffer dam has been contructed on the ditch south of Tidal Rd. which leads to Tucker Bayou. Vacuum trucks will continue recover product from this location. Evaluation of options for additional Coffer dam construction will continue.

Special Equipment / Supplies Needed for Assignment

Utilize Viscous Sweep & Sorbent Boom as needed.

Special Environmental Considerations

Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.

ICS 204 - Assignment List		Updated 03/28/2019 20:30 UTC -6:00		
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CS 204 - Assignment List	Division: Division I
ncident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00
Special Site-Specific	c Safety Considerations
Watch pinch points. Use proper lifting techniques and team lift prevent slips trips and falls. Don PFD's when working within 3 f	
Wear appropriate PPE - no leather gloves - communicate any onecessary. Nobody gets hurt.	unsafe situations to supervisor. Utilize stop work authority if
area, report to supervisor and Mike Gaudet (281-787-8256) or	Benzene is detected at levels higher than 0.5 ppm, evacuate the Mike Taylor (281) 667-1771 on Night Shift. If available don Full-level reaches 25ppm or above, evacuate the area and notify Mike or.
All equipment and personnel must be decontaminated prior to	leaving the hot zone.
Any monitoring data that exceeds action levels will be reported or Phone: 832-493-8041	I to the Monitoring Supervisor. Email: Air2@iterm.com
-110He. 632-493-6041	

Updated 03/28/2019 20:30 UTC -6:00

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ICS 204 - Assignment List

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ICS 204 - Assignmer	nt List					Group: Tank	Farm Reco	very Grou	
Incident Name: 2nd 80's F	ire				Period: Period	7 [03/29/2019 07:	00 - 03/30/2	2019 07:0	
			Operations	Perso	nnel				
Position	Name		Affiliation		Contact Number	(s) Work	Shift		
Operations Section Chief	Jacobsor	n, Jeff	ITC			713-516-6916	Day S	Day Shift	
Deputy Operations Section Chief	Burditt, J	ohn	ITC		832-240-6440		Day S	Day Shift	
Deputy Operations Section Chief	Cadena,	Hector	ITC	ITC		832-284-3127	Night	Night Shift	
Deputy Operations Section Chief (USCG)	Shamilov	/, Rafael	USCG			415-786-4750	Day S	hift	
Deputy Operations Section Chief (USCG)	Tilimon, I	Matthew	USCG			832-256-3261	Day S	hift	
Tank Farm Operations Branch Director	Holley, C	arl	ITC			281-380-1012	Day S	hift	
Tank Farm Recovery Group Supervisor	Thomas,	Harold	ITC			713-823-2543	Day S	hift	
Tank Farm Recovery Group Supervisor	Moses, T	Terry	ITC			281-389-9078	Night	Shift	
			Resources	Requ	ired				
Area Of Operation		Resourc	ce Kind		Description		Quantity	Size	
Tank Farm Recovery Grou	ıρ	Pumps			SS MSP-300		3		
Γank Farm Recovery Groυ	ıρ	Manpow	er: Responder		ERT Member		8		
Γank Farm Recovery Groυ	ıρ	Hose/Ac	cessories	Vacuum Hose			3		
Tank Farm Recovery Grou	ıρ	Hydrauli	c Power Unit	Hydraulic Power Unit		Unit	3		
Tank Farm Recovery Grou	ıρ	Vehicle:	Fire Engine	Fire Engine			2		
			Assign	ments					
(2) 2-man teams, (1) team characterization after dron Transfer product from 80-5 completed using a pump we adiness and be staged at Other steps will be taken at US Fire Pumps to conduct Assessment will be conductinitigated.	e assessm 5 and 80-6 vith a mani at hose cor as needed transfer o	to receivifold with nections to execu perations	e tank area is comp ving tanks and piping stainless-steel disc during initial start u te removal of mater s of tanks 80-12 and product transfer be	eleted. g as dii harge h ip. ial and d 80-13 gins wi	rected by ITC / Unoses and transformations stabilize the site .	nified Command. Fer to 100-28. Perso	Pumping wi nnel will m	aintain will be	
			Commur	nicatio	ns				
Name / Function			Contact Details						
TC Trunking System / Co	em / Command ITC Trunking System Site 1 & 2								
Operations/Safety/Incident Command / Operations/Safety/Incident Command 15 Operations									
			Tactical C	bjecti	ves				
Ensure all spilled material	stays on s	ite and ir	n containment						
CS 204 - Assignment Lis									

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ICS 204 - Assignment List	Group: Tank Farm Recovery Group		
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]		

Special Equipment / Supplies Needed for Assignment

6" Flange to 4: female cam lock

Bolts for reducers

Teflon Gaskets

SCBAs

Bunker Gear

PPE - Level A Flash Suit, respirators, organic vapor cartridges, rubber boots, chem gloves, cascade systems/supplied-air systems, etc.

Radios

Special Environmental Considerations

Report any oiled wildlife, wildlife in foam to the Wildlife Branch Director. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Branch Director. Please take photo and document location.

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

Special Site-Specific Safety Considerations

Continuous air monitoring will be conducted to direct use of respiratory protection for workers. PPE will include fire-resistant coveralls, chemical protective boots, chemical resistant gloves, hearing protection, eye protection, splash guards (as required), outer protective suits (as required), and respiratory protection. Respirators with organic vapor cartridges and supplied-air systems will be provided. Grounding/bonding of transfer system will be completed. Transfer operations will cease during lightning events. All personnel on-site have stop-work authority. A JSA will be completed prior to commencing transfer operations.

Watch pinch points. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls.

Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.

All equipment and personnel must be decontaminated prior to leaving the hot zone.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartriges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com

or

ICS 204 - Assignment List		Updated 03/27/2019 22:34 UTC -6:00		
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ICS 204 - Assignment List		Gro	oup: Tank Farm Recovery Group
Incident Name: 2nd 80's Fire		Period: Period 7 [03/29	/2019 07:00 - 03/30/2019 07:00]
Ac	Additional Info		-
Pumping Crew Trevor Reed Mario Tovar Ricky Castillo Cory Lewis Rick Francis Additional personnel as required Robbie Dison: Safety Assistant On-Site Tom Noble: Project Management / Supervision Safety Director: Cody Wilson	Additional Info	ormation	
ICS 204 - Assignment List			Updated 03/27/2019 22:34 UTC -6:00
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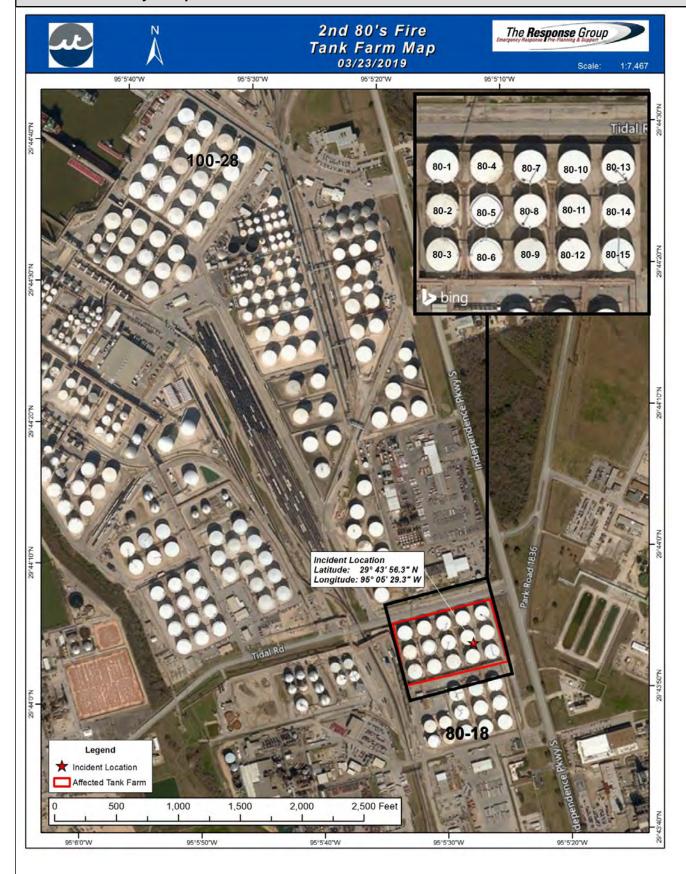
ICS 204 - Assignment List

Group: Tank Farm Recovery Group

Incident Name: 2nd 80's Fire

Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Tank Farm Recovery Group



ICS 204 - Assignment List		Updated 03/27/2019 22:34 UTC -6:00	
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ICS 204 - Assignmen	t List				Task Force: Fire	Water Conta	inment T
Incident Name: 2nd 80's F	ire			Period: Pe	riod 7 [03/29/2019 07:	:00 - 03/30/20	019 07:00
			Operations	Personnel			
Position	Name		Affiliation		Contact Number	r(s) Work S	hift
Operations Section Chief	Jacobso	n, Jeff	ITC		713-516-6916	Day Shi	ift
Deputy Operations Section Chief	Burditt, J	ohn	ITC		832-240-6440	Day Shi	ift
Deputy Operations Section Chief	Cadena,	Hector	ITC		832-284-3127	Night S	hift
Deputy Operations Section Chief (USCG)	Shamilov	/, Rafael	USCG		415-786-4750	Day Shi	ift
Deputy Operations Section Chief (USCG)	Tilimon,	Matthew	USCG		832-256-3261	Day Shi	ift
Tank Farm Operations Branch Director	Holley, C	Carl	ITC		281-380-1012	Day Shi	ift
Fire Suppression Group Supervisor	Dwight, \	Williams	US Fire Pum	р	409-273-4870	Day Shi	ift
Fire Suppression Group Supervisor	Guccione	e, Cory	ITC		281-380-1029	Night S	hift
Fire Water Containment TF Leader	Walker, I	Derek	ITC		281-515-0751	Day Shi	ift
Fire Water Containment TF Leader	Martin, G	Sene	ITC		832-259-6587	Night S	hift
			Resources	Required			
Area Of Operation		Resource k	Kind	Description		Quantity	Size
Firewater Containment TF		Manpower:	Responder	Manpower: F	Responder	4	
Firewater Containment TF		Manpower:	Supervisor	pervisor Manpower: Supervisor		1	
Firewater Containment TF		Pumps		Pumps		1	
Firewater Containment TF		Vacuum Tru	ıck	Vacuum Truck		4	
			Assign	ments			
Maintain 2' of foam and mi Ensure all firewater/mix us			•			ımns suction	hose

Ensure all firewater/mix used in firefighting operations is contained and removed. Utilize vacuum trucks, pumps, suction hose, and manifold hose to pump water into tank 100-28. If necessary, transfer from tank 100-28 to 100-31 to drop head pressure and reduce volume to allow trucks to be able to pump into tank 100-28.

Coffer dam has been constructed on the ditch south of Tidal Rd. which leads to Tucker Bayou. Vacuum trucks will continue recover any material as needed from this location. Evaluation of options for additional Coffer dam construction will continue.

Other steps will be taken as needed to execute removal of material and stabilize the site.

Communications			
Name / Function	Contact Details		
ITC Trunking System / Command	ITC Trunking System Site 1 & 2		
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15		
CIMA / Dispatch	CIMA 1		
Tactical Objectives			

Ensure all spilled material stays on site and in containment

ICS 204 - Assignment List		Updated 03/25/2019 19:04 UTC -6:00		
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ICS 204 - Assignment List	Task Force: Fire Water Containment T	
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	

Report any oiled wildlife, wildlife in foam to the Wildlife Hotline (832 368 5379. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Hotline (832 368 5379). Please take photo and document location.

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

Special Site-Specific Safety Considerations

Keep clear of heavy equipment in operation. Watch pinch points. Utilize flagger/spotter if necessary.

Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartriges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor.

Email: Air2@iterm.com

or

ICS 204 - Assignment List		Updated 03/25/2019 19:04 UTC -6:00		
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ICS 204 - Assignment List	Task Force: Foam Application TF	
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	

Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Tank Farm Operations Branch Director	Holley, Carl	ITC	281-380-1012	Day Shift
Fire Suppression Group Supervisor	Dwight, Williams	US Fire Pump	409-273-4870	Day Shift
Fire Suppression Group Supervisor	Guccione, Cory	ITC	281-380-1029	Night Shift
Foam Application TF Leader	Nawrocki, Ryan	US Fire Pump	(225) 931-0694	Day Shift
Foam Application TF Leader	Snyder, John	US Fire Pump	(985) 817-0649	Night Shift

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Foam Application TF	Manpower: Responder	Manpower: Responder	12	
Foam Application TF	Manpower: Supervisor	Manpower: Supervisor	1	
Foam Application TF	Pumps	Pumps	1	
Foam Application TF	Fire Fighting Foam	Foam Totes	1000	
Foam Application TF	Fire Fighting Equipment	Foam Pumper	2	

Assignments

Ensure continuous foam blanket is applied within the tank berm area to mitigate any re-ignition potential. Foam applied as needed using multiple stationary foam cannons. Every 2 hours (as necessary) foam will be applied near tanks 80-2, 80-3, 80-5, 80-6, 80-12, 80-13, 80-14, and 80-15. Firefighting team's specific focus is fire protection, fire suppression and vapor suppression.

Continue use of infrared imaging camera to read and/or detect any vapor yields. Continue aggressive metering and monitoring around tank farm area.

Foam Type(s): 1-3%

Other steps will be taken as needed to prevent fire, control emissions and stabilize the site.

Communications			
Name / Function	Contact Details		
ITC Trunking System / Command	ITC Trunking System Site 1 & 2		
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15		

ICS 204 - Assignment List		Updated 03/25/2019 19:03 UTC -6:00		
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ICS 204 - Assignment List	Task Force: Foam Application T	
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	

Report any oiled wildlife, wildlife in foam to the Wildlife Hotline (832 368 5379. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Hotline (832 368 5379). Please take photo and document location.

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

Special Site-Specific Safety Considerations

Keep clear of heavy equipment in operation. Watch pinch points. Utilize flagger/spotter if necessary. Use proper lifting techniques and team lift when appropriate. Maintain awareness of walking surfaces to prevent slips trips and falls.

Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartriges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com

ICS 204 - Assignment List		Updated 03/25/2019 19:03 UTC -6:00		
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ICS 204 - Assignmen	t List				Group:	Air Monitori	ing Gro
Incident Name: 2nd 80's F	ire			Period: Perio	d 7 [03/29/2019 07:00) - 03/30/20	19 07:0
			Operations	Personnel			
Position	Name		Affiliation		Contact Number(s) Work S	hift
Operations Section Chief	Jacobso	n, Jeff	ITC		713-516-6916	Day Shi	ft
Deputy Operations Section Chief	Burditt, .	John	ITC		832-240-6440	Day Shi	ft
Deputy Operations Section Chief	Cadena	, Hector	ITC		832-284-3127	Night Sh	nift
Deputy Operations Section Chief (USCG)	Shamilo	v, Rafael	USCG		415-786-4750	Day Shi	ft
Deputy Operations Section Chief (USCG)	Tilimon,	Matthew	USCG		832-256-3261	Day Shi	ft
Monitoring Branch Director	Gaudet,	Michael	ITC		(281) 787-8256	Day Shi	ft
Monitoring Branch Director	Taylor, N	Mike	ITC		(281) 667-1771	Night Sh	nift
Air Monitoring Group Supervisor	Langley	, Justin	CTEH		281-627-2889	Day Shi	ft
Air Monitoring Group Supervisor	Allaby, E	Eric	CTEH		(501) 529-7164	Night Sh	nift
			Resources	Required			
Area Of Operation		Resource K	Kind	Description		Quantity	Size
Air Monitoring Group		Equipment:	Safety	Air Monitoring D	Devices	615	
A: 14 :: 0				A : B 4 · · · ·		070	

Resources Required					
Area Of Operation	Resource Kind	Description	Quantity	Size	
Air Monitoring Group	Equipment: Safety	Air Monitoring Devices	615		
Air Monitoring Group	Manpower: Responder	Air Monitoring Tech	279		
Air Monitoring Group	Aircraft: UAV	Aircraft	1		
Air Monitoring Group	Vehicle	Vehicle	227		
Air Monitoring Group	Work Boat	Work Boat	1		
Air Monitoring Group	Boat Operator	Boat Operator	2		

ICS 204 - Assignment List			Updated 03/25/2019 18:53 UTC -6:00
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ICS 204 - Assignment List	Group: Air Monitoring Group
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Assignments

CTEH: Real time air monitoring (360 deg. 24hr) in operational areas as well as in community. (Benzene, VOCs) (34) Analytical stations samples go to lab for rush turnaround (same day or next day). See Air Monitoring Plan for details.

Air Monitoring Device Kits: 201 (3 Air Monitoring Devices per Kit)

Personnel: 238 Vehicles: 218

CTEH will work with the Division Supervisor will determine the air monitoring support level on all vessels.

EPA: (3) Roving monitoring teams conducting air monitoring. Real-time monitoring will occur via ASPECT aerial platform. TAGA bus to continue to conduct air monitoring in community areas. If there is a area of concern where TAGA can be utilized, contact EPA.

Personnel: 19 Vehicles: 1 Aircraft: 1

MSRC: (2) CTEH personnel & (1) MSRC Tech will conduct continous monitoring on the deck of the Texas Responder.

Air Monitoring Devices: 1

Personnel: 2 Vessels: 1

Hazmat Group (City of Houston, CST, Harris County Fire Marshall Office, TIFMAS): (4) (2) man teams will take readings at multiple sites around the Incident Location and will report results. If action levels are reached, Monitoring Supervisor and Harris County EOC will be notified. CST will coordinate work through Hazmat Group or Local On-Scene Coordinator.

Air Monitoring Devices: 9

Personnel: 14 Vehicles: 4

TCEQ will deploy (3) teams during day operations and (5) teams during night operations. The teams will be positioned downwind of the facility in community areas. In addition (2) air monitoring stations are strategically located in coordination with unified command.

SWS Personnel: 4

Vehicles: 3

Harris County Pollution Control: Will conduct roving monitoring along 225 and Tidal Rd to railroad tracks. Also will conduct monitoring at 225 and Miller Rd. to railroad tracks.

Air Monitoring Devices: 2

Personnel: 2 Vehicles: 1

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor.

Email: Air2@iterm.com Phone: 832-493-8041

Communications		
Name / Function	Contact Details	
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15	

ICS 204 - Assignment List			Updated 03/25/2019 18:53 UTC -6:00
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ICS 204 - Assignment List	Group: Air Monitoring Group
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Report any oiled wildlife, wildlife in foam to the Wildlife Hotline (832 368 5379. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Hotline (832 368 5379). Please take photo and document location.

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

Special Site-Specific Safety Considerations

Follow all traffic signs, posted speeds limits and stay on paved roads. Maintain situational awareness while driving. Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working close to open water or onboard a vessel.

Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartriges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com

ICS 204 - Assignment List			Updated 03/25/2019 18:53 UTC -6:00
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ICS 204 - Assignment List	Group: Water Sampling Group
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

		Operations Personne	el .	
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift
Monitoring Branch Director	Gaudet, Michael	ITC	(281) 787-8256	Day Shift
Monitoring Branch Director	Taylor, Mike	ITC	(281) 667-1771	Night Shift
Water Sampling Group Supervisor	Kubitz, Jody	Cardno	815-355-3938	Day Shift

Resources	Rec	ıuire	d
11000001000	,,,,,	u 0	•

Area Of Operation	Resource Kind	Description	Quantity	Size
Water Sampling Group	Miscellaneous	Water Sampling Kits	2	
Water Sampling Group	Manpower: Responder	Air Monitoring Tech	6	
Water Sampling Group	Vehicle	Vehicle	3	
Water Sampling Group	Work Boat	Work Boat	6	
Water Sampling Group	Boat Operator	Boat Operator	6	

Assignments

Conduct water sampling in various locations. Samples will be taken from shoreline access points and vessels as needed. All sampling results will be communicated back to Unified Command. Sampling will be conducted in accordance with each entities Sampling Plan

EPA: (1) Surface water sampling group will conduct sampling upstream of the confluence of Tucker Bayou (daily) and the Ship Channel (outside of the containment), San Jacinto State Historical Park, and the vicinity of the Lynchburg Reservoir, Juan Seguin County Park, River Terrace Park. Additional areas will be sampled when needed.

TCEQ: (3) Surface quality groups will conduct water sampling east of Channelview, as far as the eastern border of Galveston Bay and as far south as Kemah, an additional shore sampling team will be conducting sampling in Gulf side of Galveston Island and Crystal Beach in Bolivar peninsula. Harris County Pollution Control will continue to work with TCEQ regarding water sampling data.

Cardno: (2) Teams will conduct water sampling by vessel and taking a full suite of samples from Buffalo Bayou east for several miles. Reference the Foam Product & Water Sampling Plan for additional details.

ITC: Water sampling will occur at outfall 3 regularly every two hours. If outfall 3 is opened, take additional sample.

Other steps as needed to characterize the impact to water and aquatic environment.

Communications			
Name / Function	Contact Details		
Marine - USCG OPS / Tactical	Marine - USCG OPS 81A		
Marine - Hailing and Emergency / All	Marine - Hailing and Emergency 16		
Marine - OMI-On-water OPS / Tactical	Marine - OMI-On-water OPS 67		

ICS 204 - Assignment List		Updated 03/28/2019 13:17 UTC -6:0		
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ICS 204 - Assignment List	Group: Water Sampling Group	
Incident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]	
Communications		

Communications		
Name / Function	Contact Details	
Operations/Safety/Incident Command / Operations	Operations/Safety/Incident Command 15	

Report any oiled wildlife, wildlife in foam to the Wildlife Hotline (832 368 5379. Please take photo, and document location - DO NOT APPROACH.

Report any deceased fish found within the areas of operation to the Wildlife Hotline (832 368 5379). Please take photo and document location.

Dispose contaminated PPE, debris, and sorbent materials in approved contaminated waste containers. DO NOT DISPOSE OF CONTAMINATED MATERIALS IN GENERAL TRASH.

Special Site-Specific Safety Considerations

Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, open water or onboard a vessel.

Wear appropriate PPE - no leather gloves - communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt.

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281)-787-8256 on Day Shift or Mike Taylor (281) 667-1771 on Night Shift. If available don appropriate PPE prior reentry.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartriges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com or

ICS 204 - Assignment List	- Assignment List Updated 03/28/2019		Updated 03/28/2019 13:17 UTC -6:00
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 ICS 204 - Assignment List
 Branch: Wildlife Branch

 Incident Name: 2nd 80's Fire
 Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]

Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Operations Section Chief	Jacobson, Jeff	ITC	713-516-6916	Day Shift	
Deputy Operations Section Chief	Burditt, John	ITC	832-240-6440	Day Shift	
Deputy Operations Section Chief	Cadena, Hector	ITC	832-284-3127	Night Shift	
Deputy Operations Section Chief (USCG)	Shamilov, Rafael	USCG	415-786-4750	Day Shift	
Deputy Operations Section Chief (USCG)	Tilimon, Matthew	USCG	832-256-3261	Day Shift	
Wildlife Branch Director	Murgatroyd, Rhonda	Wildlife Response Services LLC	713-705-5897		
Wildlife Branch Director	Nunez, Alex	Texas Parks and Wildlife	361-658-3181		

Resources Required

Area Of Operation	Resource Kind	Description	Quantity	Size
Wildlife Branch	Small Boat	Small Boat	2	14 - 29 feet
Wildlife Branch	Boat Operator	Boat Operator	2	
Wildlife Branch	Wildlife Specialist	Avian Specialist	3	
Wildlife Branch	Safety Personnel	Air Monitoring Tech	3	
Wildlife Branch	Manpower: Responder	Marine Mammal Specialist	2	
Wildlife Branch	Facilities	Rehab Facility	1	
Wildlife Branch	Wildlife Trailer	Wildlife Trailer	1	
Wildlife Branch	Equipment: Comms	Wildlife Hotline Phone	1	
Wildlife Branch	Manpower: Supervisor	Wildlife Branch Director	2	
Wildlife Branch	Wildlife Support Tech	Wildlife Support Tech	1	

Assignments

(1) Wildlife Recovery Team and (1) Marine Mammal Monitoring Team will conduct boat and shoreline assessments for oiled and at-risk wildlife using standard protocols. Assess the locations, numbers, and types of potentially impacted wildlife. Field teams will immediately notify the Wildlife Branch Director of any observed oil impacts to wildlife. Coordinate any observations reported to the JIC and relay information to the Wildlife Branch Director.

Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe harbor. Communicate changes in conditions with Branch Director. Once weather improves to a safe condition continue recovery operations.

Wildlife Hotline #: (832) 368-5379

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	nt List					Other:	SCAT / F	
Incident Name: 2nd 80's F	ire			Period: Pe	riod 7 [03/29/2019 (7:00 - 03/30	/2019 07:	
			Operations	s Personnel				
Position	Name		Affiliation		Contact Numb	er(s) Wor	k Shift	
Operations Section Chief	Jacobso	n, Jeff	ITC		713-516-6916	Day	Shift	
Deputy Operations Section Chief	Burditt, .	John	ITC		832-240-6440	Day	Shift	
Deputy Operations Section Chief	Cadena,	, Hector	ITC		832-284-3127	Nigh	Night Shift	
Deputy Operations Section Chief (USCG)	Shamilo	v, Rafael	USCG		415-786-4750	Day	Shift	
Deputy Operations Section Chief (USCG)	Tilimon,	Matthew	USCG		832-256-3261	Day	Shift	
Rapid Assessment Team (RAT)	Wakefie	ld, Jeff	Cardno		3023889173	Day	Shift	
			Resource	s Required				
Area Of Operation		Resource	Kind	Description		Quantit	y Size	
SCAT / RAT		Equipment:	Safety	Air Monitorin	g Devices	4		
SCAT / RAT		Manpower:	Responder	Air Monitorin	Air Monitoring Tech			
SCAT / RAT		Vehicle		Vehicle	Vehicle			
SCAT / RAT		Work Boat		Work Boat	Work Boat			
SCAT / RAT		Boat Opera	tor	Boat Operato	or	4		
			Assigi	nments				
(4) Shoreline Cleanup Ass	essment	Technique (SCAT)/ Ranid As		AT) and (1) UAS te	am to condu	ct survey	
along both shorelines of th (where available) and Stat	ne ship cha e personr	annel to asse nel. All surve	ess any environr ys will be condu	ssessment Teams (R	ns will be comprised	d of Cardno/	TC, Fede	
along both shorelines of th (where available) and Stat Cleanup Assessment Tech	ne ship cha e personr	annel to assinel. All surve CAT) Plan.	ess any environr ys will be condu	ssessment Teams (R mental impacts. Tear cted per the Rapid A	ns will be comprised	d of Cardno/	TC, Fede	
along both shorelines of th (where available) and Stat Cleanup Assessment Tech Name / Function Operations/Safety/Incident	ne ship cha te personr hnique (SC	annel to assinel. All surve	Commun	ssessment Teams (R mental impacts. Tear cted per the Rapid A	ns will be comprised ssessment Team P	d of Cardno/	TC, Fede	
along both shorelines of the where available) and State Cleanup Assessment Technology (Name / Function Operations/Safety/Incident	ne ship cha te personr hnique (SC	cannel to assinel. All surve	Communications/Safety/I	ssessment Teams (Research (Research (Research (Research (Read Per the Rapid Arctions)	ns will be comprised ssessment Team P	d of Cardno/	TC, Fede	
Along both shorelines of the (where available) and State Cleanup Assessment Technology (When It is a second to be a second to	ne ship cha te personr hnique (So	cannel to assinel. All surve CAT) Plan. Cond / Opens	Communications/Safety/I	ssessment Teams (Remental impacts. Tearcted per the Rapid Andreas Inications Inications Incident Command 1	ns will be comprised ssessment Team P	d of Cardno/ lan or the Sh	TC, Fede oreline	
(4) Shoreline Cleanup Ass along both shorelines of th (where available) and Stat Cleanup Assessment Technology (Partial of the Cleanup Assessment Technology (Pa	ne ship cha te personn hnique (So t Comman	cond / Operating the Value of t	Communications (Safety/I	ssessment Teams (Remental impacts. Tearcted per the Rapid Annications Incident Command 1 Intal Considerations irector. Please take	ns will be comprised ssessment Team P	d of Cardno/ lan or the Sh	TC, Fede oreline	

ICS 204 - Assignment List		Prepared By Operations, Updated 03/28/2019 21:29 UTC -6:00 PP	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:07 UTC -6:00	Page 47 of 105	© TRG

ICS 204 - Assignment List	Other: SCAT / RAT		
Incident Name: 2nd 80's Fire Period: Period 7 [03/29/2019 07:00 - 03/30/2019			
Special Site-Specific Safety Considerations			
Maintain walking surface awareness to prevent slips, trips and falls. Don PFD's when working within 3 ft of the waters edge, oper water or onboard a vessel.			
Wear appropriate PPE, communicate any unsafe situations to su hurt.	Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets		

Ensure all personnel are equipped with Benzene detection. If Benzene is detected at levels higher than action level, evacuate the area, report to supervisor and Mike Gaudet (281-787-8256).

All equipment and personnel must be decontaminated prior to leaving the hot zone.

Action Levels for Benzene:

>0.5 ppm - Don full face APR

>25 ppm - Supplied air; must change APR cartriges to prevent breakthrough every 4 hours.

Report any LEL detection (delineate area).

Any monitoring data that exceeds action levels will be reported to the Monitoring Supervisor. Email: Air2@iterm.com

ICS 204 - Assignment List		Prepared By Operations, Updated 03/28/2019 21:29 UTC -6:00 PP	
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ICS 20	05 - Radio	Communication	าร						Version Name: Radio Comms			
Inciden	t Name: 2nd	80's Fire				Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]						
				Radio	Channel Info	ormation						
Ch #	Function	Channel Name/ Trunked Radio System Talkgroup	Assignment	Rx Freq N or W	Rx Tone/NAC	Tx Freq N or W	Tx Tone/NAC	Mode (A, D, or M)	Remarks			
81A	Tactical	Marine - USCG OPS		157.0250	None	Simplex		A				
21A	Tactical	Marine - RAT (Rapid Assessment Teams)		157.0500	None	Simplex		А				
16	All	Marine - Hailing and Emergency		156.8000	None	Simplex		А				
67	Tactical	Marine - OMI-On- water OPS		156.3750	None	Simplex		А				
Site 1 & 2	Command	ITC Trunking System	ITC ICP (Admin Building)	Encrypted				D				
15	Operations	Operations/Safety/I ncident Command										
1	Dispatch	CIMA										
2	Tactical	East/South - CIMA										
3	Tactical	North Div - CIMA										
4	Tactical	West Div (Water Supply) - CIMA										
5	Tactical	Safety (IH) - CIMA										
				Specia	al Radio Insti	ructions						
CS 205	5 - Radio Co	mmunications				Prepared By Logistics, Updated 03/23/2019 18:0						
INCIDENT ACTION PLAN SOFTWARE™ Printed 03/28/2019 23:07 UTC -6:00						Page 56 o			©TRG			

ICS 205a - Commun	ications List			Version Name: Water Operation							
Incident Name: 2nd 8	0's Fire			Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]							
		Local (Communica	cations Information							
Name	Incident Assigned Position	Mobile Phone	Work Pho	ne	Email		Notes				
Jacobson, Jeff	Operations Section Chief	713-516-6916					ITC				
Kuhn, Karl	Deputy Operations Section Chief	713-208-5583					ITC				
Burditt, John	Deputy Operations Section Chief	832-240-6440					ITC				
Shamilov, Rafael	Deputy Operations Section Chief	415-798-6475					USCG				
Tilimon, Matthew	Deputy Operations Section Chief	832-256-3261					USCG				
Young, Kevin	Water Operations Branch - NIGHT	281-786-9383					ITC				
McLelland, Reid	Water Operations Branch	281-838-7567					ITC				
Carroll, Amos	Water Operations Branch	(832) 256-3265					USCG				
Ward, Taylor	Division A Group Supervisor	251-300-4189					USCG				
Livingston, Gregory	Division B Group Supervisor	860-857-4997					USCG				
Osborne, Scott	Division B Group Supervisor	903-391-4831					ITC				
Kyser, Christopher	Division C Group Supervisor	713-204-6978					USCG				
Anderson, Byron	Division C Group Supervisor	832-466-6646					ITC				
Myers, Janmichael	Division D Group Supervisor	630-390-8615					USCG				
Debrum, Nicholas	Air Monitoring (Water)	774-766-8695					USCG				
Ruff, Zach	Mobile Decon Group	614-795-1689					USCG				
Pounds, Kenneth	Assistant Safety Officer	2513661450		_			USCG				

ICS 205a - Communications List		Prepared By Water Operations Branch, Updated 03/28/2019 20:01 F						
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:07 UTC -6:00	Page 57 of 105	© TRG					

USCG

ITC

NRC

ОМІ

MSRC

Larson, Alan

Segura, Tyler

Sedlack, Tracy

Gaudet, Michael

Rodriguez, Antonio

Assistant Safety Officer

Monitoring Branch

NRC Contact

OMI Contact

MSRC Contact

786-973-1225

281-796-6881

409-299-0472

713-471-2680

(281) 787-8256

ICS 206 - Medical Plan					Version Name: Tank Farm Operations							
Incident Name: 2nd 80's	Fire			F	eriod: Pe	eriod	l 7 [03/29	9/201	9 07:00 - 0	03/30/20	19 07:00]	
			Medical	Aid Stations	S							
Name		Locatio	on				ramedic In Site	Pho	ne		Radio	
Safety Training Building -95.09605 29.73362										l l	TC Mandown Button	
	7	Transport	ation (Ground a	nd/or Air An	nbulance	Sei	rvices)					
Ambulance Service		Location	on		Phone Radio) Ai	r ALS		
Deer Park Volunteer Fire		Deer F	ark, TX		Ph1: (28	B1) 4	476-1511	1				
Department Hospitals												
	T				Air Trav	ارم	Groun	nd l	Trauma		Burn	
Hospital	Location	ı	Phone	Radio	Time	GI	Travel T		Center	Helipad		
CHI St. Luke's Patients Medical Center	4600 East Sam Houston Parkway South Pasadena, TX 77505 -95.16227 29.64113								II			
HCA-Bayshore Medical Center	4000 Spe Hwy Pasaden 77504 -95.1837 29.66124	na, TX ′8	713-359-1060 713-359-1000						II			
Altus Baytown Hospital	1626 W E Baytown, 77521 -94.9816 29.77128	69	281-382-1627 281-837-7600							x		
	•	S	pecial Medical E	mergency P	rocedure	es				<u> </u>		
Deliver First Aid if trained Address is 2621 ITC Tida Conduct immediate notifi	al Road Ha	arris Coun	ty, Texas.	/ Officer via (Chain of (Com	ımand pe	er ICS	S 202b Uni	ified Cor	nmand	
Critical Threshold Report	ing Criteria	a ior.										
Injury or Death												
OSHA/Greater than 1s	st Aid throu	ugh Safety	Officer									
SDS available and copies	s made to	send with	ambulance.									
Deconitamination must ta	Deconitamination must take place prior to transport.											
Helipad/air operations wil	Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.											
ICS 206 - Medical Plan					Prepare	d By	Planning,	Updat	ed 03/25/201	9 18:30 U	ΓC -6:00 PP	
INCIDENT ACTION PLAN SOFTV	WARE™	Printed 03/28/	/2019 23:07 UTC -6:00		Page 58 of	-					© TRG	

ICS 206 - Medical Plan					Version Name: Division A On Water Operations								
Incident Name: 2nd 80's	Fire			Р	eriod: Pe	erio	od 7 [03/29/2	019 07:00 - (03/30	/2019	07:00]		
			Medica	I Aid Stations	6								
Name		Locatio						hone		Ra	dio		
Staging Area - OMI Rive			154 29.78214			_	<u>x</u> .						
A / / O /	Ir	-	tation (Ground a	and/or Air Am	T	÷ 50	ervices)	1 5 "		<u> </u>	T 44 0		
Ambulance Service Channel View Fire Dept		Location Chann	el View, TX		Phone Ph1: 91	1 /	′ (281) 452-	Radio	1	Air	ALS		
·		-95.11	465 29.77606		5782		· ,			_			
Acadian Ambulance Stag OMI River	ging Area -	-95.10	104 29.78206		Ph1: (40	09)	833-3800						
Hospitals													
Hospital	Location		Phone	Radio	Air Trav Time		Ground Travel Tim	Trauma e Center	 Heli	nad	Burn Center		
Houston Healthcare Southeast	4000 Spen Hwy Pasadena, 77504 -95.18378 29.66124	TX	713-359-1440	radio	15 mir		15 min	III	x	oau			
UТМВ	#150	Pasadena, TX 77503 -95.15567			15 mir	า	15 min	I	X		X		
Houston Healthcare Clear Lake	500 W. Me Center Blv Webster, T 77598 Webster, T 77598 -95.12773 29.5413	d, X	281-338-3708		15 mir	า	30 min	II	x				
Houston Methodist Baytown	4401 Garth Baytown, 7 77521 -94.9796 29.76916		281-420-8851 281-420-8600		15 mir	า	30 min		x				
Surgery Specialty Hospital of America- Southeast Houston	4301 B Vis Pasadena, 77504 -95.1779 29.65913		713-378-2068 713-378-3000		15 mir	า	15 min	II					
Advanced Diagnostic Hospital East	12950 Eas Freeway S Houston, T 77015 -95.20044 29.77054	te.100	903-240-5893		15 mir	า	15 min						
ICS 206 - Medical Plan					Prepare	ed B	By Planning, Up	dated 03/25/201	19 18:5	9 UTC	-6:00 PP		
INCIDENT ACTION PLAN SOFT	ICIDENT ACTION PLAN SOFTWARE™ Printed 03/28/2019 23:07 UTC -6:00					105					© TRG		

ICS 206 - Medical Plan	Version Name: Division A On Water Operations
ncident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]
Special	Medical Emergency Procedures
Deliver First Aid if trained in accordance with your tra	aining.
I. Acadian Ambulance staged 01 Advanced Life Sup 16550 Market Street Channelview, TX 77530	pport Ambulance at Staging Area - OMI River; Address - River Terrace Park
2. Call Acadian Ambulance Dispatch at (409) 833-38	800 to nofify Ambulance of incoming medical or trauma case
Conduct immediate notifications through supervisor Critical Threshold Reporting Criteria for:	and Safety Officer via Chain of Command per ICS 202b Unified Command
njury or Deathv	
OSHA/Greater than 1st Aid through Safety Office	r
SDS available and copies made to send with ambula	ance.
Deconitamination must take place prior to transport.	
Helipad/air operations will take place on Independer	nce Road immediately across from CIMA Incident Command Post.
CS 206 - Medical Plan	Prepared By Planning, Updated 03/25/2019 18:59 UTC -6:00 Pl
NCIDENT ACTION PLAN SOFTWARE™ Printed 03/28/2019 23:0	07 UTC -6:00 Page 60 of 105 © TRG

	CS 206 - Medical Plan					Version Name: Division B On Water Operations							
Incident Name: 2nd 80's	Fire				Period: Pe	riod 7 [03/2	9/201	9 07:00 - 0	03/30/201	9 07:00]			
			Medica	I Aid Statio	ons								
Name		Locatio				Paramedio On Site	Pho	ne	R	adio			
Staging Area - OMI River			154 29.78214	and/ar Air	Ambulanaa	X Sorvines)	<u> </u>						
Ambulance Service	Ira	Locatio	tation (Ground a	and/or Air /	Phone	Services)		Radio	Air	1 4/ 6			
Acadian Ambulance Disp	atch Center					09) 833-380	<u> </u>	Radio	AII	ALS			
Acadian Ambulance Sup			154 29.78214		`	32) 210-427				x			
		000		lospitals	1 (00			<u> </u>					
				T	Air Trave	el Grou	nd	Trauma	Ι	Burn			
Hospital	Location		Phone	Radio	Time	Travel		Center	Helipad	Center			
Houston Healthcare Southeast	4000 Spend Hwy Pasadena, 77504 -95.18378 29.66124		713-359-1440		15 min	15 m	iin	III	x				
UTMB	3737 Red B #150 Pasadena, 77503 -95.15567 29.68583		409-772-2002		15 min	15 m	iin	ı	x	x			
Houston Healthcare Clear Lake	500 W. Med Center Blvd Webster, TX 77598 Webster, TX 77598 -95.12773 29.5413	, K	281-338-3708		15 min	30 m	iin	II	x				
Houston Methodist Baytown	4401 Garth Baytown, T2 77521 -94.9796 29.76916		281-420-8851 281-420-8600		15 min	30 m	iin		x				
Surgery Specialty Hospital of America- Southeast Houston	4301 B Vist Pasadena, 77504 -95.1779 29.65913		713-378-2068 713-378-3000		15 min	15 m	iin	II					
Advanced Diagnostic Hospital East	12950 East Freeway St Houston, TX 77015 -95.20044 29.77054	e.100	903-240-5893		15 min	15 m	iin						
ICS 206 - Medical Plan INCIDENT ACTION PLAN SOFTY	T		/2019 23:07 UTC -6:00		Prepared Page 61 of 1	d By Planning,	Updat T	ed 03/25/201	9 16:49 UT(C -6:00 PP			

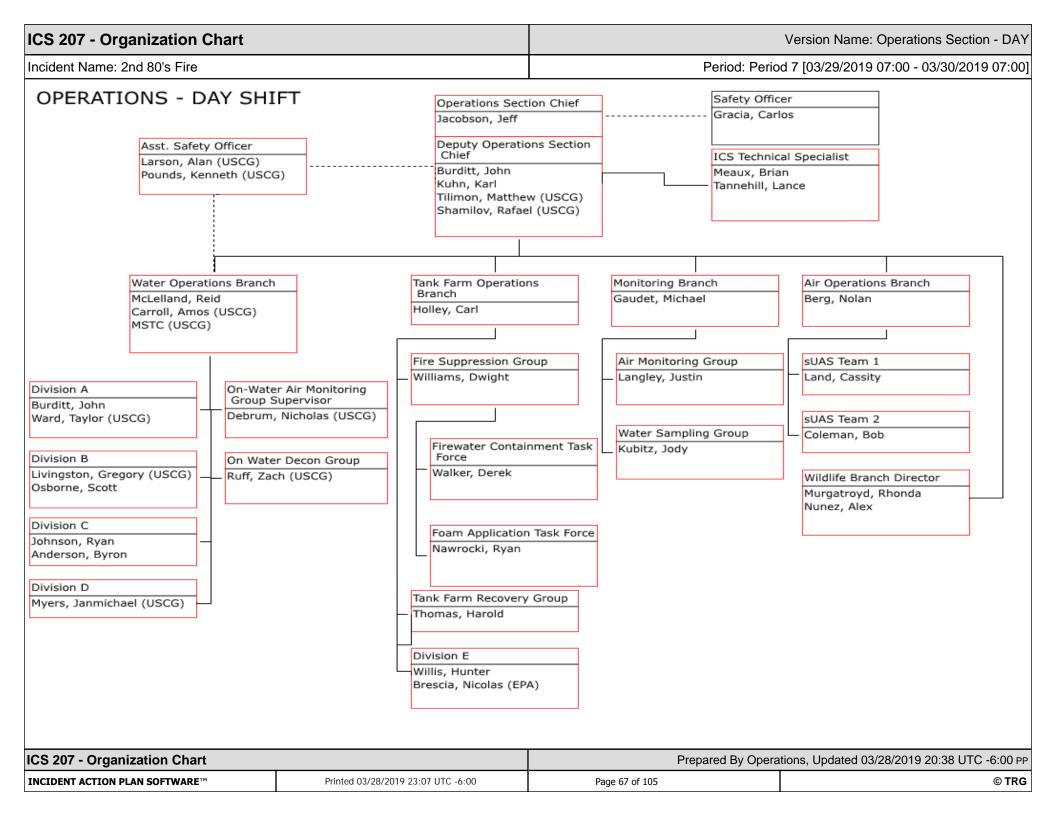
CS 206 - Medical Plan		Version Name:	Division B On Water Operations
ncident Name: 2nd 80's Fire		Period: Period 7 [03/29	/2019 07:00 - 03/30/2019 07:00
S	pecial Medical Eme	ergency Procedures	
Deliver First Aid if trained in accordance with	your training.		
I. Acadian Ambulance staged 01 Advanced L 16550 Market Street Channelview, TX 77530	ife Support Ambula	nce at Staging Area - OMI River	; Address - River Terrace Park
2. Call Acadian Ambulance Dispatch at (409)	833-3800 to nofify A	Ambulance of incoming medical	or trauma case
Conduct immediate notifications through superitical Threshold Reporting Criteria for:	ervisor and Safety O	officer via Chain of Command pe	r ICS 202b Unified Command
njury or Deathv			
OSHA/Greater than 1st Aid through Safety	Officer		
SDS available and copies made to send with	ambulance.		
Deconitamination must take place prior to tra-	nsport.		
Helipad/air operations will take place on Inde	pendence Road imm	nediately across from CIMA Incid	dent Command Post.
CS 206 - Medical Plan		Prepared By Planning 1	Jpdated 03/25/2019 16:49 UTC -6:00 PI

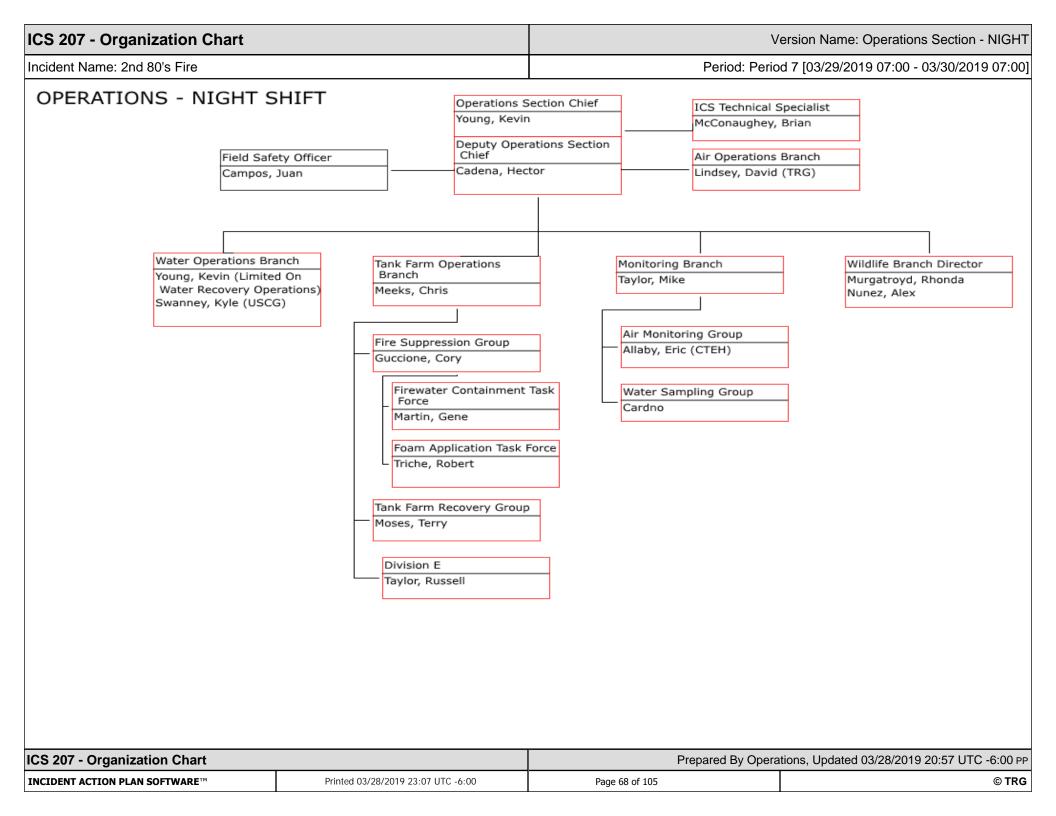
ICS 206 - Medical Plan	CS 206 - Medical Plan					Version Name: Division C On Water Operations							
Incident Name: 2nd 80's	Fire				Period: Pe	riod 7 [03/29	9/201	9 07:00 - 0	03/30/201	9 07:00]			
			Medica	l Aid Statio	ons								
Name		Locatio				Paramedic On Site	Pho	ne	R	adio			
Staging Area - OMI River			154 29.78214		A 1 1	X Octobries to the control of the co							
Anahadanaa Camiaa	Ira	-	tation (Ground a	and/or Air		Services)		D- di-	. A in	1 4/ 0			
Ambulance Service Acadian Ambulance Disp	atch Contor	Locatio			Phone	09) 833-3800	`	Radio	Air	ALS			
Acadian Ambulance Sup			154 29.78214		`	32) 210-4279				x			
/ todalari / timbalarioo Gap	0111001 170	00.10		ospitals	Ji 1111. (00	2,210 127							
					Air Trave	el Groun	,,,	Trauma	Ι	Burn			
Hospital	Location		Phone	Radio	Time	Travel 7		Center	Helipad	Center			
Houston Healthcare Southeast	4000 Spend Hwy Pasadena, 77504 -95.18378 29.66124		713-359-1440		15 min	15 mi	in	III	x				
UТМВ	3737 Red B #150 Pasadena, 77503 -95.15567 29.68583		409-772-2002		15 min	15 mi	in	I	x	x			
Houston Healthcare Clear Lake	500 W. Med Center Blvd Webster, TX 77598 Webster, TX 77598 -95.12773 29.5413	, K	281-338-3708		15 min	30 mi	n	II	x				
Houston Methodist Baytown	4401 Garth Baytown, T 77521 -94.9796 29.76916		281-420-8851 281-420-8600		15 min	30 mi	'n		x				
Surgery Specialty Hospital of America- Southeast Houston	4301 B Vist Pasadena, 77504 -95.1779 29.65913		713-378-2068 713-378-3000		15 min	15 mi	n	II					
Advanced Diagnostic Hospital East	12950 East Freeway St Houston, TX 77015 -95.20044 29.77054	e.100	903-240-5893		15 min	15 mi	n						
ICS 206 - Medical Plan INCIDENT ACTION PLAN SOFTY	T		/2019 23:07 UTC -6:00		Prepare	d By Planning,	Update T	ed 03/25/201	9 16:50 UT	C -6:00 PP			

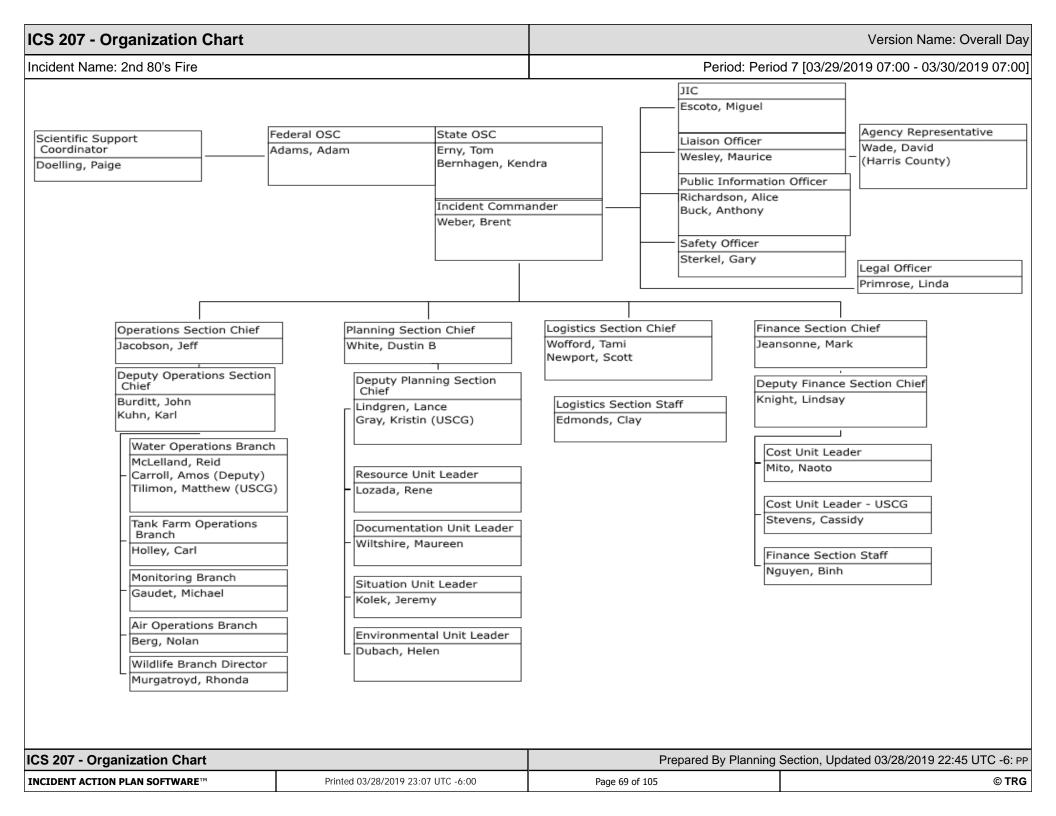
CS 206 - Medical Plan		Version Name:	Division C On Water Ope	rations
ncident Name: 2nd 80's Fire		Period: Period 7 [03/29	/2019 07:00 - 03/30/2019	07:00]
	Special Medical Em	ergency Procedures		
Deliver First Aid if trained in acco	rdance with your training.			
I. Acadian Ambulance staged 01 I 6550 Market Street Channelviev		nce at Staging Area - OMI River	r; Address - River Terrace	Park
2. Call Acadian Ambulance Dispa	atch at (409) 833-3800 to nofify	Ambulance of incoming medical	or trauma case	
Conduct immediate notifications t Critical Threshold Reporting Crite		Officer via Chain of Command pe	r ICS 202b Unified Comm	and
njury or Deathv				
OSHA/Greater than 1st Aid thr	ough Safety Officer			
SDS available and copies made t	o send with ambulance.			
Deconitamination must take place	e prior to transport.			
Helipad/air operations will take pl	ace on Independence Road imr	nediately across from CIMA Inci	dent Command Post.	
CS 206 - Medical Plan		Prepared Ry Planning	Jpdated 03/25/2019 16:50 UTC	-6:00 pr
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:07 UTC -6:00	Page 64 of 105	2, 23, 20, 20, 20, 10, 10, 00, 010	© TRG

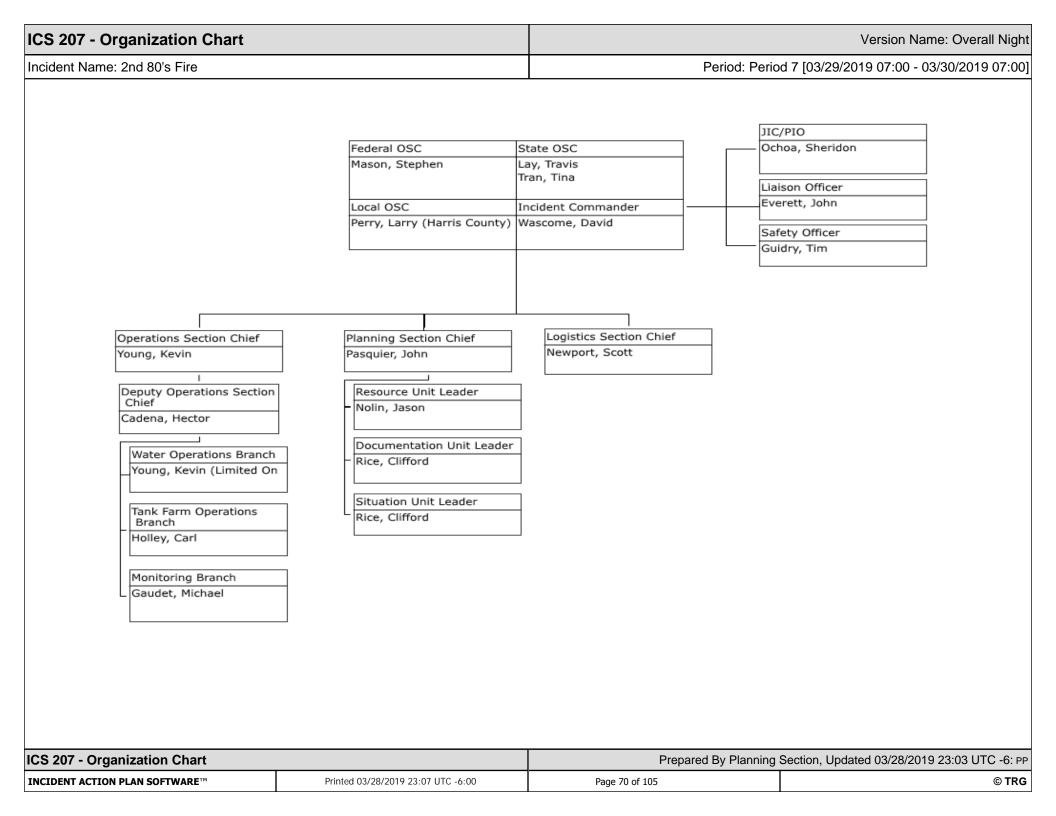
ICS 206 - Medical Plan	١				Version Name: Division D On Water Operations								
Incident Name: 2nd 80's	s Fire				Period: Per	riod 7 [03/29	/201	9 07:00 - (03/30/2	2019	07:00]		
			Medica	l Aid Statio	ons								
Name		Locat	ion			Paramedic On Site	Phoi	ne		Ra	dio		
Staging Area - OMI Rive	er	-95.10	154 29.78214		x								
		Transpor	tation (Ground a	and/or Air	Ambulance	Services)							
Ambulance Service		Locat	ion		Phone			Radio) /	4ir	ALS		
Acadian Ambulance Dis	•					9) 833-3800							
Acadian Ambulance Su	pervisor 4	70 -95.10	154 29.78214		Ph1: (83	2) 210-4279			\perp	Ш	x		
	_		Н	lospitals					1				
Hospital	Locatio	n	Phone	Radio	Air Trave Time	el Groun Travel T		Trauma Center	Helip	ad	Burn Center		
Houston Healthcare Southeast	4000 Sp Hwy Pasade 77504 -95.183 29.6612	na, TX 78	713-359-1440		15 min	15 mii	n	III	x				
UТМВ	3737 Ro #150 Pasade 77503 -95.155 29.6858	na, TX 67	409-772-2002		15 min	15 mii	n	I	x		x		
Houston Healthcare Clear Lake	500 W. Center Webste 77598 Webste 77598 -95.127 29.5413	r, TX r, TX 73	281-338-3708		15 min	30 mii	n	II	x				
Houston Methodist Baytown	4401 G Baytow 77521 -94.979 29.7691	6	281-420-8851 281-420-8600		15 min	30 mii	n		x				
Surgery Specialty Hospital of America- Southeast Houston	4301 B Pasade 77504 -95.177 29.6591	na, TX 9	713-378-2068 713-378-3000		15 min	15 mii	n	II					
Advanced Diagnostic Hospital East	12950 E Freewa Houston 77015 -95.200 29.7705	y Ste.100 n, TX	903-240-5893		15 min	15 mii	n						
ICS 206 - Medical Plan					Prepared	d By Planning, l	Jpdate	ed 03/25/201	9 16:51	UTC	-6:00 PP		
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ICS 206 - Medical Plan	Version Name: Division D On Water Operations
ncident Name: 2nd 80's Fire	Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]
Special	l Medical Emergency Procedures
Deliver First Aid if trained in accordance with your t	raining.
I. Acadian Ambulance staged 01 Advanced Life Sul 16550 Market Street Channelview, TX 77530	upport Ambulance at Staging Area - OMI River; Address - River Terrace Park
2. Call Acadian Ambulance Dispatch at (409) 833-3	3800 to nofify Ambulance of incoming medical or trauma case
Conduct immediate notifications through supervisor Critical Threshold Reporting Criteria for:	r and Safety Officer via Chain of Command per ICS 202b Unified Command
njury or Deathv	
OSHA/Greater than 1st Aid through Safety Office	er
SDS available and copies made to send with ambu	lance.
Deconitamination must take place prior to transport	t.
Helipad/air operations will take place on Independe	ence Road immediately across from CIMA Incident Command Post.
CS 206 - Medical Plan	Prepared By Planning, Updated 03/25/2019 16:51 UTC -6:00 PR
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ICS 208 - Site Safety Plan						Version Name: Tank Farm Operations						
Incident Name: 2nd 80's Fire					Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]							
Applies to Site: Division E												
Site Characterization												
Water	•		Lan	d			Weather Mostly Cloudy					
Wave	Heigl	nt	Lan	d Use				Air Temp)	68 Fa	hrenheit	
Speed 0.48 knot (s)								Wind Speed 0 mp			h	
Direc	tion	NNW						Direction SSE				
Site Hazards												
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
	x	Boat Safety		x		Fire, Explo	osion, I	ion, In-situ				
x	Chemical Hazards			x		Heat Stres					Slips, Trips, and F	alls
	x Cold Stress			x		Helicopter				Steam and Hot Wa	ater	
	x	Confined Space	S	x		Lifting	☐ x Trenching/Excava			tion		
	x Drum Handling			x		Motor Veh	hicles X UV Radiation			UV Radiation		
x	Equipment Operations			X		Noise			x		Visibility	
	X	Electrical Opera	tions	X			Overhead/Buried Utilities			x Weather		
X		Fatigue			X Plants/Wildlife					X	Work Near Water	
Air Monitoring Limits												
Oxyge	en Lev	el	Outside 19.	.5- Hyd 3.5	drogen	Sulfide		10	ppm	Total H	lydrocarbons	50 ppm
LEL Greater that				an Benzene				.5	.5 ppm			
Engineering Controls												
	Sourc	e of release secu	ured	x Valve(s) closed				x	Energy sources locked/tagged out			
x Site secured				x				<u> </u>			,,	33
				Pers	sonal F	Protective	Equipi	nent Requ	ired			
	Impe	vious suit		x Flame resistant					х	Eye protection		
x	<u> </u>			x	Hard hats					Personal flotation		
X				x	Respirators				x	Boots		
Additional Control Measures Established												
x Decontamination			x Illumination						onal stations established			
x Sanitation			Medical surveilla							ties provided		
Work Plan												
	Booming				Exca					Hot work		
	_			x	=					Appro	opriate permits used	l
X	Vac trucks x Sorbent pads											
x Pumping Patching					-							
Training Verified site workers trained per local/federal regulatory requirements Training HAZWOPER Requirements												
ICS 208 - Site Safety Plan Prepared By Safety Officer, Updated 03/28/2019 10:39 UTC -6:00								39 UTC -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™ Printed 03/28/2019 23:07 UTC -6:00					Page 71 of 105 © TRG							

ICS	208 - Site Safe	tv Plan			Version Name: Tank Farm Operations						
Incident Name: 2nd 80's Fire						Period: Period 7 [03/29/2019 07:00 - 03/30/2019 07:00]					
moide	THE INC. ZING GO	71110		Orgar	l nizatio		Crioa	1 [00/20/2010 07:00	00/00/2010 07:00]		
Positi	ion	Name	elephone/Radio				Name	Telephone/Radio			
Incident Commander				225) 806-5136	Operations Section Chief			Jacobson, Jeff	713-516-6916		
Safety Officer (Collins, Ray 7		13-614-8550							
				Emerge	ncy P	lan					
x	x Fire Prevention Plan x		Evacuation Plan	uation Plan							
X	Alarm System x		First Aid Location	Aid Location							
				Notifi	cation	s					
	Facility			Phone		Facility			Phone		
x	Hospital Houston Healthcare Southeast		713-359-1440	x	Fire		Deer Park VFD	911/281-479- 1511			
X	Ambulance	Deer Park VFD)	911/281-479- 1511	Law Enforcement		Harris County Sheriff	(713) 637-0014			
	Air Ambulance Deer Park VFD		911/281-479- 1511	x	Emergency Response/Rescu e		Deer Park VFD	911/281-479- 1511			
		•		Initial	Briefii	ng					
x	Initial safety briefi	ng prepared for e	ach s	ite							
				Attachment	s/App	endices					
Attac	hment	Filename	Filename								
Gasoline Blendstock - Copy.pdf				Gasoline Blendstock - Copy.pdf							
Gaso	line Blendstock.pd	f	Gasoline Blendstock.pdf								
Marat	thon Petroleum Xy	lene - Copy.pdf		Marathon Petroleum Xylene - Copy.pdf							
PYRO	DLYSIS GASOLINI	E - Copy.pdf		PYROLYSIS GASOLINE - Copy.pdf							
Tolue	ne Commercial Gr	ade - Copy.pdf	Toluene Commercial Grade - Copy.pdf								
YUBA	ASE 4 plus - Copy.	pdf		YUBASE 4 plus - Copy.pdf							
YUBA	ASE 6 - Copy.pdf		YUBASE 6 - Copy.pdf								

ICS 208 - Site Safety Plan		Prepared By Safety Officer, Updated 03/28/2019 10:39 UTC -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/28/2019 23:07 UTC -6:00	Page 72 of 105	© TRG			

ICS 2	208 -	Site Safety PI	an							Versi	on Name: On-Wa	ater Decon Group
Incide	nt Nar	me: 2nd 80's Fire						Period: F	Period	7 [03/2	29/2019 07:00 - (03/30/2019 07:00
Applie	s to S	ite: On-Water De	con Group									
						Site Chara	cteriza	ntion				
Water	•		Lan	d				Weather		Partly	Cloudy	
Wave	Heigh	nt	Lan	d Use				Air Temp)	65 Fa	hrenheit	
Speed	k	0.48 knot						Wind Sp	eed			
Direct	ion	(s) NNW						Direction	1			
						Site H	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
x		Boat Safety			x	Fire, Explo	osion, I	n-situ	x		Pump Hose	
x		Chemical Hazar	ds	x		Heat Stres	SS		x		Slips, Trips, and	d Falls
	x	Cold Stress			x	Helicopter	Opera	tions		x	Steam and Hot	Water
	x	Confined Space	S	x		Lifting				x	Trenching/Exca	avation
	x	Drum Handling		x		Motor Veh	nicles		x		UV Radiation	
x		Equipment Oper	ations	x		Noise			x		Visibility	
	X	Electrical Opera	tions	x	Overhead/Buried Utilities					x	Weather	
X		Fatigue			X	Plants/Wil	dlife		x		Work Near Wat	er
	Air Monitoring Limits											
Oxyge	n Lev	el	Outside 19. 23		droger	Sulfide		10	ppm -	Γotal H	lydrocarbons	50 ppm
LEL			Greater tha		nzene			.5	ppm			
			10						··			
					_	Engineerin	g Con	trols				
x	Sourc	ce of release secu	ired	X		e(s) closed			X	Energ	gy sources locked	d/tagged out
x	Site s	ecured		x		ty shut dow						
				Pers	1	Protective			ired			
	-	vious suit		x		e resistant o	clothing)	x		protection	
x		gloves		x	Hard						onal flotation	
x	Outer	gloves		х		irators			x	Boots	8	
	_				_	Control M	easure	es Establis		T		
X		ntamination		x	-	nation			X	+	ional stations est	ablished
x	Sanita	ation		x	Medic	cal surveilla			x	Facili	ties provided	
	D	the ac					Plan			Hatin		
X	Boom					vation				Hot w		
X	Skimr			x		y equipmer)t			Appro	opriate permits us	sea
x Vac trucks x Sorbent pade x Pumping Patching												
X	Pump	onig			Palci		nina					
x	Training Verified site workers trained per local/federal regulatory requirements Training HAZWOPER Requirements											
	_											
ICS 20	08 - Si	te Safety Plan					Prep	ared By Safe	ety Offi	cer, Up	dated 03/27/2019	17:32 UTC -6:00 PF
INCIDE	NT ACT	ION PLAN SOFTWARE	19 23:07	UTC -6:00		Page 73 o	of 105			© TRG		

ICS	208 - Site Safe	ty Plan						Version Name: On-	Water Decon Group				
Incid	ent Name: 2nd 80's	s Fire				Period: F	Period	7 [03/29/2019 07:00	- 03/30/2019 07:00]				
				Organ	izatio	n							
Posit	ion	Name		Telephone/Radio	Posi	tion		Name	Telephone/Radio				
Incid	ent Commander	Weber, Brent		(225) 806-5136		er Operations ch Supervisc		McLelland, Reid	281-838-7567				
	y Officer (Water ations)	Larson, Alan		786-973-1225		er Operations ch Supervisc CG)		Tilimon, Matthew	832-256-3261				
Oper Chief	ations Section	Jacobson, Jeff		713-516-6916									
				Emerge	ncy F	Plan							
x	Fire Prevention F	Plan	x	Evacuation Plan	1								
x	Alarm System		x	First Aid Location	n								
				Notifi	cation	ıs							
	Facility			Phone		Facility			Phone				
	Hospital	Houston Healtl Southeast	hcare	713-359-1440	X	Fire		Channelview FD	911 / (281) 452- 5782				
x	Ambulance	Acadian Ambu		e 409-833-3800	X	Law Enforceme	nt	Harris County Sheriff	(713) 637-0014				
x	Air Ambulance	Channelview F	D	911 / (281) 452 -5782		Emergency Response/ e							
				Initial	Briefi	ng							
x	Initial safety briefi	ng prepared for e	each	site									
				Attachment	s/App	endices							
Atta	chment			Filename									
ICS2 24M/	08 SSP On Water AR19	Operations Brand	ch	FormPDF.pdf	FormPDF.pdf								
ICS 2	208 - Site Safety P	lan			Pre	epared By Safe	ety Offic	cer, Updated 03/27/20	19 17:32 UTC -6:00 PP				
INCID	ENT ACTION PLAN SOF	TWARE™ Printed	03/28/	2019 23:07 UTC -6:00		Page 74 o	of 105		© TRG				

ICS 2	208 -	Site Safety P	lan					V	ersior/	n Name	e: Division A On W	ater Operations		
Incide	nt Nar	me: 2nd 80's Fire	.					Period: F	Period	7 [03/2	29/2019 07:00 - 03	/30/2019 07:00]		
Applie	s to S	ite: Division A												
						Site Chara	cteriza	tion						
Wate	·		Lan	d				Weather		Partly	Cloudy			
Wave	Heigl	ht	Lan	d Use)			Air Temp)	65 Fa	hrenheit			
Spee	d							Wind Sp	eed					
Direc	tion							Direction	1					
						Site H	azards							
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards			
x		Boat Safety			x	Fire, Explo		n-situ	x		Pump Hose	Pump Hose		
x		Chemical Hazai	rds	x		Heat Stres	SS		X		-alls			
	X	Cold Stress			x	Helicopter	Operat	tions		x	Steam and Hot W	/ater		
	X	Confined Space	es	x		Lifting				x	Trenching/Excava	ation		
	X	Drum Handling		X		Motor Veh	nicles		X		UV Radiation			
x		Equipment Ope	rations	x		Noise	x Visi				Visibility			
	X	Electrical Opera	ations	X		Overhead	/Buried	Utilities	X		Weather			
x							ildlife				•			
	Air N							mits						
Oxyge	en Lev	rel	Outside 19. 23		drogen	Sulfide		10	ppm	Γotal H	ydrocarbons	50 ppm		
LEL			Greater tha		nzene			.5	ppm					
						Engineerin	g Cont	rols						
x	Sourc	ce of release sec	ured	x	Valve	(s) closed			X	Energ	gy sources locked/t	tagged out		
x	Site s	ecured		x	Facili	ty shut dow	'n							
				Per	sonal I	Protective	Equipn	nent Requ	ired					
	Impe	rvious suit		x	Flame	e resistant o	clothing		X	Eye p	rotection			
x	Inner	gloves		x	Hard	hats			X	Perso	onal flotation			
x	Outer	gloves		X	Resp	irators			X	Boots	3			
				Ada	litional	Control M	leasure	s Establis	hed					
x	Deco	ntamination		x	Illumi	nation			X	Additi	ional stations estab	olished		
x	Sanita	ation		x	Medio	cal surveilla	nce		X	Facili	ties provided			
						Work	Plan							
x	Boom	ning			Exca	vation				Hot w	ork			
x	Skimı	ming		x	Heav	y equipmer	nt			Appro	priate permits use	d		
x	Vac ti	rucks		x	Sorbe	ent pads								
x	x Pumping Datching													
Training														
x		ed site workers tr atory requirement		cal/fed	deral	Training Requirem		HAZWOPE	R					
ICS 2	08 - Si	ite Safety Plan					Prepa	ared By Safe	ety Offi	cer, Up	dated 03/27/2019 17	7:24 UTC -6:00 PP		
		ION PLAN SOFTWARI	E™ Printed (03/28/20	019 23:07	UTC -6:00	Prepared By Safety Officer, Updated 03/27/2019 17:24 UTC -6:00 F Page 75 of 105 © TR				© TRG			

ICS	208 - Site Safe			V	/ersion	Name: Divisio	n A On	Water Operations				
Incide	ent Name: 2nd 80's			Period: F	Period	7 [03/29/2019 (07:00 -	03/30/2019 07:00]				
					Organ	izatio	n					
Posit	ion	Name		Telep	hone/Radio	Posit	tion		Name		Telephone/Radio	
Incide	ent Commander	Weber, Brent		(225)	806-5136		er Operations ch Supervisc		McLelland, Re	eid	281-838-7567	
	y Officer (Water ations)	Larson, Alan		786-9	73-1225		er Operations ch Supervisc CG)		Tilimon, Matth	iew	832-256-3261	
Oper Chief	ations Section	Jacobson, Jeff		713-5	16-6916							
					Emerge	ncy P	lan					
x	Fire Prevention P	lan	X	Eva	acuation Plan							
X	Alarm System		X	Fire	st Aid Locatio	n						
					Notific	cation	s					
	Facility			Pho	one	Facility					Phone	
x	Hospital	Houston Healt Southeast	hcare	e 713	3-359-1440	X	Fire		Channelview FD		911 / (281) 452- 5782	
x	Ambulance	Acadian Ambu - In Staging Ar		e 409	9-833-3800	X	Law Enforceme	nt	Harris County Sheriff		(713) 637-0014	
x	Air Ambulance	Channelview F	.D	911 -57	1 / (281) 452 82		Emergency Response/ e					
		•			Initial	Briefiı	าg				'	
x	Initial safety briefi	ng prepared for e	each	site								
					Attachments/Appendices							
Attac	chment			Fil	lename							
ICS2 24M/	08 SSP On Water AR19	Operations Brand	ch	Fo	FormPDF.pdf							
	208 - Site Safety P					Pre			cer, Updated 03/	27/2019	17:24 UTC -6:00 PP	
INCID	ENT ACTION PLAN SOF	TWARE™ Printed	Printed 03/28/2019 23:07 UTC -6:00				Page 76 o	of 105			© TRG	

ICS 2	208 -	Site Safety P	an					١	/ersio	n Nam	e: Division B On \	Water Operations
Incide	nt Nar	ne: 2nd 80's Fire						Period: F	Period	7 [03/2	29/2019 07:00 - 0	3/30/2019 07:00]
Applie	s to S	ite: Division B										
					,	Site Chara	cteriza	tion				
Water	•		Lan	d				Weather		Partly	/ Cloudy	
Wave	Heigh	nt	Lan	d Use				Air Temp)	65 Fa	ahrenheit	
Speed	t	0.48 knot						Wind Sp	eed			
Direct	ion	(s) NNW						Direction	1			
						Site Ha	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
x		Boat Safety			x	Fire, Explo	osion, I	n-situ	x		Pump Hose	
x		Chemical Hazar	ds	x		Heat Stres	SS		x		Slips, Trips, and	Falls
	x	Cold Stress			x	Helicopter	Opera	tions		x	Steam and Hot	Water
	x	Confined Space	S	x		Lifting				x	Trenching/Excav	vation
	X	Drum Handling		x		Motor Veh	nicles		x		UV Radiation	
X		Equipment Ope	rations	x		Noise			x		Visibility	
	X	Electrical Opera	tions		Overhead/Buried Utilities				X	Weather		
X		Fatigue		x		Plants/Wil			x		Work Near Wate	er
				1		Air Monito	ring Li		-			
Oxyge	en Lev	el	Outside 19.		drogen	Sulfide		10	ppm	Total H	lydrocarbons	50 ppm
LEL			Greater tha	ın Ber	nzene			.5	ppm			
						Engineerin	g Con	trols				
x	Sourc	ce of release secu	ıred	x	Valve	(s) closed			x	Energ	gy sources locked	l/tagged out
x	Site s	ecured		x	Facilit	ty shut dow	'n					
				Pers	onal F	Protective	Equip	nent Requ	ired			
	Imper	vious suit		x	Flame	e resistant o	clothing	1	x	Eye p	rotection	
x	Inner	gloves		x	Hard	hats				Perso	onal flotation	
x	Outer	gloves		X	Respi	irators			x	Boots	3	
				Add	itional	Control M	leasure	es Establis	hed			
x	Deco	ntamination		x		nation			x		ional stations esta	ablished
X	Sanita	ation		x	Medic	cal surveilla			x	Facili	ties provided	
							Plan					
X	Boom				Exca					Hot w		
x	Skimr			x	-	y equipmen	nt			Appro	opriate permits us	ed
x Vac trucks x Sorbent pads x Pumping Patching												
X	Pump	oing			Patch							
	Training Verified site workers trained per local/federal regulatory requirements Training HAZWOPER Requirements											
ICS 20	08 - Si	ite Safety Plan					Prep	ared By Safe	ety Offi	cer, Up	dated 03/27/2019 1	17:26 UTC -6:00 PP
INCIDE	O8 - Site Safety Plan Prepared By Safety Officer, Updated 03/27/2019 17:26 UTC -6:00 PP ENT ACTION PLAN SOFTWARE™ Printed 03/28/2019 23:07 UTC -6:00 Page 77 of 105 © TRG											

ICS	208 - Site Safe	ty Plan				V	ersion	Name: Division B C	On Water Operations				
Incid	ent Name: 2nd 80's	s Fire				Period: P	eriod	7 [03/29/2019 07:00	- 03/30/2019 07:00]				
				Orgar	izatio	on							
Posit	ion	Name		Telephone/Radio	Posi	tion		Name	Telephone/Radio				
Incid	ent Commander	Weber, Brent	((225) 806-5136		er Operations ch Superviso	r	McLelland, Reid	281-838-7567				
	y Officer (Water ations)	larson				er Operations ch Superviso CG)		Tilimon, Matthew	832-256-3261				
Oper Chie	ations Section	Jacobson, Jeff	-	713-516-6916									
				Emerge	ncy F	Plan							
x	Fire Prevention P	Plan	x	Evacuation Plar	1								
x	Alarm System		X	First Aid Location	n								
				Notifi	cation	ıs							
	Facility			Phone		Facility			Phone				
X	Hospital	Houston Healtl Southeast	hcare	713-359-1440	X	Fire		Channelview FD	911				
x	Ambulance	Acadian Ambu - In Staging Are		409-833-3800	x Law Enforcement			Harris County Sheriff	(713) 637-0014				
x	Air Ambulance	Channelview F	D	911		Emergency Response/F							
				Initial	Briefi								
x	Initial safety briefi	ng prepared for e	ach s										
	,			Attachment	s/App	endices							
Atta	chment			Filename	Filename								
ICS2 24M/	08 SSP On Water AR19	Operations Brand	ch	FormPDF.pdf	FormPDF.pdf								
ICS.	208 - Sito Sofoty P	·lan			Dro	anared Rv Safo	ty Office	ver Undstad 03/27/20	19 17·26 LITC -6·00 pp				
	208 - Site Safety P ENT ACTION PLAN SOF		N3/29/2	2019 23:07 UTC -6:00	Prepared By Safety Officer, Updated 03/27/2019 17:26 UTC -6 Page 78 of 105				19 17:26 UTC -6:00 PP © TRG				
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ICS 2	208 -	Site Safety P	lan					V	/ersior	Name	e: Division C On	Water Operations		
Incide	nt Nar	ne: 2nd 80's Fire						Period: F	Period	7 [03/2	29/2019 07:00 - 0	03/30/2019 07:00]		
Applie	s to S	ite: Division C												
						Site Chara	cteriza	tion						
Wate	r		Lan	d				Weather		Partly	/ Cloudy			
Wave	Heigl	nt	Lan	d Use				Air Temp)	65 Fa	ahrenheit			
Spee	d	0.48 knot						Wind Sp	eed					
Direc	tion	(s) NNW						Direction	า					
						Site H	azards							
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards			
x		Boat Safety		x		Fire, Explo	osion, Ir	n-situ	x		Pump Hose			
x		Chemical Hazar	ds	x		Heat Stres	SS		x		Slips, Trips, and	d Falls		
	X	Cold Stress			x	Helicopter	Opera	tions		x	Steam and Hot	Water		
	X	Confined Space	:S	x		Lifting				x	Trenching/Exca	vation		
	x	Drum Handling		x		Motor Veh	Vehicles				UV Radiation			
x		Equipment Ope	rations	X		Noise	x Visibility							
	X	Electrical Opera	itions	X		Overhead	/Buried	Utilities		x Weather				
x		Fatigue		X		Plants/Wil	dlife		x		Work Near Water			
	Air Monitoring Limits													
Oxygen Level Outside 19.5- Hydrogen Sulfide 10 ppm Total Hydrocarbons 50 ppm												50 ppm		
LEL			Greater that		nzene			.5	ppm					
					ı	Engineerin	g Cont	rols						
X	Sourc	e of release secu	ured	x	Valve	(s) closed			x	Energ	gy sources locked	d/tagged out		
X	Site s	ecured		X	Facili	ty shut dow	'n							
				Pers	onal I	Protective	Equipn	nent Requ	ired					
	Impe	vious suit		x	Flame	e resistant o	clothing		x		protection			
X		gloves		X	Hard				X	Perso	onal flotation			
X	Outer	gloves		X	<u> </u>	irators			x	Boots	S			
	1				T	Control M	leasure	s Establis						
X		ntamination		x		nation			x	-	ional stations est	ablished		
x	Sanita	ation		x	Medic	cal surveilla			x	Facili	ties provided			
	<u> </u>				T_		Plan			I				
X	Boom			닏		vation .				Hot w				
X	Skimi			x		y equipmer	nt			Appro	opriate permits us	sed		
x Vac trucks x Sorbent pads x Pumping Patching														
X	Pump	omg			Pater									
x		ed site workers tra		cal/fed	eral	Training Requirem		HAZWOPE	ΞR					
ICS 2	<u> </u>	te Safety Plan				1 1	1	ared By Safe	ety Offi	cer, Up	odated 03/27/2019	17:28 UTC -6:00 PP		
INCIDE	NT ACT	ION PLAN SOFTWARE	™ Printed (03/28/20	19 23:07	UTC -6:00		Page 79 o	of 105			© TRG		

ICS	208 - Site Safe	ty Plan				١	/ersion	Name: Division C O	n Water Operations
Incid	ent Name: 2nd 80'	s Fire				Period: F	Period 7	7 [03/29/2019 07:00	- 03/30/2019 07:00]
				Orgai	nizatio	on			
Posi	tion	Name	7	Telephone/Radio	Posi	tion		Name	Telephone/Radio
Incid	ent Commander	Weber, Brent	(225) 806-5136		er Operations ch Superviso		McLelland, Reid	281-838-7567
	ty Officer (Water rations)	Larson, Alan	7	786-973-1225	Wate Bran (USC	er Operations ch Superviso CG)	S Or	Tilimon, Matthew	832-256-3261
Oper Chie	rations Section f	Jacobson, Jeff	7	713-516-6916					
				Emerge	ency F	Plan			
x	Fire Prevention F	Plan	x	Evacuation Plan	1				
x	Alarm System		x	First Aid Location	n				
				Notifi	cation	ıs			
	Facility			Phone	Phone Facility				Phone
	Hospital	Houston Healtl Southeast	hcare	713-359-1440	x Fire			Channelview FD	911
x	Ambulance	Acadian Ambu - In Staging Are		409-833-3800	x	Law Enforceme	ent	Harris County Sheriff	(713) 637-0014
x	Air Ambulance	.D	911		Emergency Response/ e				
				Initial	Briefii	na			
x	Initial safety brief	ing prepared for e	each s			<u> </u>			
	,	<u> </u>		Attachment	s/App	endices			
Atta	chment			Filename					
	:08 SSP On Water AR19	Operations Brand	ch	FormPDF.pdf					
ICS 2	208 - Site Safety F	lan			Pre	epared By Safe	ety Offic	er, Updated 03/27/201	9 17:28 UTC -6:00 PP
INCID	ENT ACTION PLAN SOF	TWARE™ Printed	019 23:07 UTC -6:00	<u> </u>					

ICS 2	208 -	Site Safety P	lan					V	/ersior	n Name	e: Division D On V	Water Operations
Incide	nt Nar	ne: 2nd 80's Fire						Period: F	Period	7 [03/2	29/2019 07:00 - 0	3/30/2019 07:00]
Applie	s to S	ite: Division D										
						Site Chara	cteriza	tion				
Water			Lan	d				Weather		Partly	/ Cloudy	
Wave	Heigh	nt	Lan	d Use				Air Temp)	65 Fa	ahrenheit	
Speed	t	0.48 knot						Wind Sp	eed			
Direct	ion	(s) NNW						Direction	า			
						Site Ha	azards					
Yes	No	Hazards		Yes	No	Hazards			Yes	No	Hazards	
x		Boat Safety		x		Fire, Explo	osion, I	n-situ	x		Pump Hose	
x		Chemical Hazar	ds	x		Heat Stres	SS		x		Slips, Trips, and	l Falls
	x	Cold Stress			x	Helicopter	Opera	tions		x	Steam and Hot	Water
	x	Confined Space	S	x		Lifting	☐ x Trenching/Excavatio				vation	
	x	Drum Handling		x		Motor Veh	nicles		x		UV Radiation	
X		Equipment Ope	rations	x		Noise			X		Visibility	
	x	Electrical Opera	tions	Overhead/Buried Utilities					x	Weather		
X		Fatigue		X		Plants/Wil	dlife		X		Work Near Wate	er
						Air Monito	ring Li					
Oxyge	Oxygen Level Outside 19.5- Hydrogen Sulfide 10 ppm Total Hydrocarbons 50 ppm											
LEL			Greater tha		nzene			.5	ppm			
				•	ı	Engineerin	g Con	trols				
x	Sourc	ce of release secu	ured	x	Valve	(s) closed			x	Energ	gy sources locked	l/tagged out
x	Site s	ecured		х	Facilit	ty shut dow	'n					
				Pers	onal F	Protective	Equipn	nent Requ	ired			
	Imper	vious suit		x	Flame	e resistant o	clothing	I	x	Eye p	rotection	
x	Inner	gloves		x	Hard	hats				Perso	onal flotation	
x	Outer	gloves		X	Respi	rators			X	Boots	3	
				Add	itional	Control M	easure	es Establis	hed			
X		ntamination		X		nation			X		ional stations esta	ablished
X	Sanita	ation		x	Medic	al surveilla			x	Facili	ties provided	
					T_		Plan					
x	Boom			\square	Exca					Hot w		
x	Skimr			X		y equipmen	nt			Appro	opriate permits us	sed
x Vac trucks x Sorbent pads x Pumping Patching												
X	Pump	oing			Patch							
	Training											
	regula	atory requirement	S			Requirem	ents					
ICS 20)8 - Si	te Safety Plan					Prep	ared By Safe	ety Offi	cer, Up	dated 03/27/2019 1	17:30 UTC -6:00 PP
INCIDE	S 208 - Site Safety Plan Prepared By Safety Officer, Updated 03/27/2019 17:30 UTC -6:00 PP CIDENT ACTION PLAN SOFTWARE™ Printed 03/28/2019 23:07 UTC -6:00 Page 81 of 105 © TRG											

ICS:	208 - Site Safe	ty Plan			V	ersion	Name: Division D O	n Water Operations				
Incide	ent Name: 2nd 80's	Fire			Period: P	eriod	7 [03/29/2019 07:00	- 03/30/2019 07:00]				
			Orgai	nizatio	on							
Positi	on	Name	Telephone/Radio	Posi	tion		Name	Telephone/Radio				
Incide	ent Commander	Weber, Brent	(225) 806-5136	Ope Chie	rations Sectio f	n	Jacobson, Jeff	713-516-6916				
Safet	y Officer	Sterkel, Gary	281-384-9519									
			Emerge	ency F	Plan							
x	Fire Prevention P	lan D										
x	Alarm System	<u> </u>	First Aid Location	on								
			Notifi	cation	ıs							
	Facility	.	Phone		Facility		_	Phone				
	Hospital	Houston Healthcar Southeast	re 713-359-1440	x	Fire		Channelview FD	911				
x	Ambulance	Acadian Ambuland - In Staging Area	te 409-833-3800	X	Law Enforceme	nt	Harris County Sheriff	(713) 637-0014				
x	Air Ambulance	Channelview FD	911		Emergency Response/F							
			 Initial	Briefi	<u> </u>							
x	Initial safety briefi	ng prepared for each		a. 2.16g								
		<u>9 p. opa. oa .o. oao</u>	Attachment	s/App	endices							
Attac	hment		Filename									
ICS20 25MA		Operations Branch	FormPDF.pdf									
ICS 2	08 - Site Safety P	lan		Pre	epared By Safe	ty Offic	cer, Updated 03/27/201	9 17:30 UTC -6:00 PP				

INCIDENT ACTION PLAN SOFTWARE $^{\text{\tiny TM}}$

Printed 03/28/2019 23:07 UTC -6:00

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ICS 2	208 -	Site Safe	ty Pl	an							Versio	n Name: Division E		
Incide	nt Nar	ne: 2nd 80'	s Fire					Period: I	Period	7 [03/	29/2019 07:00	- 03/30/2019 07:00]		
Applie	s to S	ite:												
							Site Chara	cterization						
Spee	Heigl	nt		Land Land	d d Use	:		Weather Air Tem _l Wind Sp	p eed					
Direc	tion							Direction	n					
		T			L 1/2	T		azards	T 1/2		T			
Yes	No	Hazards Boat Safet	h.,		Yes	No	Hazards	osion In situ	Yes	No	Hazards			
		boat Sale	ıy				Burning	osion, In-situ			Pump Hose			
		Chemical	Hazar	ds			Heat Stre	SS			Slips, Trips, a	nd Falls		
		Cold Stres	ss				Helicopte	r Operations			Steam and Ho	ot Water		
		Confined S	-	3			Lifting				Trenching/Ex	cavation		
		Drum Han					Motor Vel	nicles			UV Radiation			
		Equipmen	-			14	Noise	Visibility						
Щ								ead/Buried Utilities						
							Plants/Wi				Work Near W	ater		
0.0.0		a.l	Т		li is			ring Limits	T-	Catal I	l			
LEL	en Lev	eı				nzene	Sulfide		Total Hydrocarbons					
LEL					De		Enginoorii	ng Controls						
	Source	e of release	2 50011	red		_	(s) closed	ig Controls		Ener	gy sources lock	ed/tagged out		
H		ecured	- 3ecu	Teu .			ty shut dov	/n		Lilei	gy sources lock	eu/taggeu out		
	One e				Per		<u> </u>	Equipment Requ	ired	<u> </u>				
	Impe	vious suit			Π		e resistant		ПП	Eye p	protection			
	Inner	gloves				Hard	hats			Perso	onal flotation			
	Outer	gloves				Resp	irators			Boots	 S			
					Ada	litional	Control N	leasures Establis	shed					
	Deco	ntamination	1			Illumi	nation			Addit	ional stations e	stablished		
	Sanita	ation				Medio	cal surveilla	ance		Facili	ties provided			
							Worl	k Plan						
	Boom	ning				Exca	vation			Hot w	vork			
	Skimı					_	y equipme	nt		Appro	opriate permits	used		
	Vac ti					_	ent pads							
igdot	Pump	ping				Patch								
							1	ining						
		ed site work atory require		ined per loo	cal/fed	deral	Training Requiren	nents						
								ization						
Positi			Nam				ne/Radio			Telephone/Radio				
Incide	nt Cor	nmander	Webe	er, Brent	(225) 80)6-5136	36 Water Operations McLelland, Reid 281-838-7567 Branch Supervisor				281-838-7567		
ICS 2	08 - Si	te Safety F	Plan					Prepared By Saf	ety Offi	cer. Ur	odated 03/26/201	9 14:41 UTC -6:00 PP		
		ION PLAN SOF		Printed (03/28/20	019 23:07	UTC -6:00	Page 83		, O p	00,20,201	© TRG		

ICS	208 - Site Safe						Vers	ion Name: I	Division E		
Incide	ent Name: 2nd 80's	s Fire				Period: F	Period	7 [03/2	9/2019 07:00) - 03/30/20	19 07:00]
Safet Opera	y Officer (Water ations)	Larson, Alan	7	86-973-1225	Wate Bran (USC	er Operations ch Supervisc CG)	S Or	Tilimo	n, Matthew	832-256-	3261
Opera Chief	ations Section	Jacobson, Jeff	7	13-516-6916							
				Emerge	ncy F	Plan					
	Fire Prevention P	lan		Evacuation Plan							
	Alarm System			First Aid Locatio							
				Notific	cation						
	Facility			Phone		Facility				Phone	
	Hospital				<u> </u>	Fire .					
	Ambulance					Law Enforceme	nt				
	Air Ambulance					Emergency Response/	,				
						е					
	Initial antata baiati		نم طمم	Initial L	Briefii	ng					
	Initial safety briefi	ng prepared for e	ach si								
ICS 2	08 - Site Safety P	lan			Prepared By Safety Officer, Updated 03/26/2019 14:41 UTC				C -6:00 PP		
INCID	ENT ACTION PLAN SOF	TWARE™ Printed	03/28/20	119 23:07 UTC -6:00	Page 84 of 105					© TRG	

Site Safety and Health Plan ICS-208-CG (rev 4/15)

Incident Name: 2nd 80's Fire Date/Time Prepared: 3/28/19 Operational Period: 3/29/19

Purpose. The ICS Compatible Site Safety and Health Plan is designed for safety and health personnel that use the Incident Command System (ICS). It is compatible with ICS and is intended to meet the requirements of the Hazardous Waste Operations and Emergency Response regulation (Title 29, Code of Federal Regulations, Part 1910.120). The plan avoids the duplication found between many other site safety plans and certain ICS forms. It is also in a format familiar to users of ICS. Although primarily designed for oil and chemical spills, the plan can be used for all hazard situations. Changes: The only change to this form since 2006 is added Emergency Site Non-Hazardous Assessment form (SSP-A2).

Questions on the document should be addressed to the Coast Guard Office of Contingency Preparedness and Exercise Policy (CG-CPE).

Table of Forms

FORM NAME	FORM #	USE	REQUIRED	OPTIONAL	ATTACHED
Emergency Safety and Response Plan	A	Emergency response phase (uncontrolled)	X		
Emergency Site Non-Hazardous Assessment Form	A2	Emergency response phase without Hazardous Materials present. Overall site assessment	X		
Site Safety Plan	В	Post-emergency phase (stabilized, cleanup)	X		
Site Map	C	Post-emergency phase map of site and hazards	X		
Emergency Response Plan	D	Part of Form B, to address emergencies	X		
Exposure Monitoring Plan	E	Exposure monitoring Plan to monitor exposure	X		
Air Monitoring Log	E-1	To log air monitoring data	X*		
Personal Protective Equipment	F	To document PPE equipment and procedures	X*		
Decontamination	G	To document decon equipment and procedures	X*		
Site Safety Enforcement Log	Н	To use in enforcing safety on site		X	
Worker Acknowledgement Form	I	To document workers receiving briefings		X	
Form A Compliance Checklist	J	To assist in ensuring HAZWOPER compliance		X	
Form B Compliance Checklist	K	To assist in ensuring HAZWOPER compliance		X	
Drum Compliance Checklist	L	To assist in ensuring HAZWOPER compliance		X	
Other:					

^{*} Required only if function or equipment is used during a response

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EMERGENCY SAFETY and RESPONSE PLAN		. Incident I nd 80's Fire				 Date/Tim 3/27/19 	ne Prepa	red		3. Operati 3/29/19 00		od			Attach SDS Naptha, To	
5. Organization IC/UC: ITC/EPA/TCEQ/	Safety	fety: MST1 Alan Larson Backup Team: N/A N/A Backup Team: N/A				on Team: N)604-8890	ASTC T									
6.a. Physical Hazards and Protection			pace 🛛 Nois												ad []	
6.c. Tasks & Controls	6d Entry Permit		6f.	6g. Shoes (type)	6.h. Hard Hats	6i. Clothing (cold wx)	6j. Life Jacket	6l. Work Rest (hr	k/ (rs)]	6.m. Fluids (amt/time)	6.n. Signs & Barricade	6.p. Fa	ll 6.q.	6.r. Flas h Prot	6.s. Work Gloves	6.t. Other
Small Boat operations	N/A	N/A	PRN	PRN	PRN	N/A	х	X		Х	N/A	N/A	N/A	N/ A	х	qualifie d operator &crew
Skiming operations	N/A	N/A	PRN	PRN	PRN	N/A	Х	х		х	N/A	N/A	N/A	N/ A	х	Ensure proper PPE
Transiting through high concentration areas	N/A	N/A	N/A	N/A	N/A	N/A	х	X		х	N/A	N/A	N/A	N/ A	X	Ensure proper PPE
Sampling operations	N/A	N/A	N/A	N/A	N/A	N/A	PRN	PRN		х	N/A	N/A		N/ A	X	Ensure proper PPE
7.a. Agent			Iazards			. Target Or				Exposure I			PPE		.g. Type o	
Pyrolysis Gasoline		osive 🔲	Radioact			ose X Skir			nhala			Face	Shield 🔀	Full fac	e resperator a	as needed
Xylene		nable 🔀 ctive 🗍	Carcino	izer		ıtral Nervou spiratory ∑			ngest	rption 🗌 tion 🛚		(Eyes 🛛 Gloves 🖂	Nitrile		
Aylene		dical 🔲	Corros		Lungs				nject				er Suit 🗌	NA		
Naptha		Toxic 🔯	Specify Oth	_	Kidney [-	brane 🔲	j	Splas	h Suit 🔯	Tyvek		
				(Circulatory		intestina	=					A Suit	NA		1 110
Gasoline blend					Bone	e [Other	Specify	/: ∐				SCBAL] APR⊠ SAR []	hour cap	vapor cartri	dges with 8
Toluene												Cart	ridges 🖂	NA		
													istance [Hepa ca	rtridges	
Yubase #4 & #6	1						a. / T									1 0.
o. mod aments	a. Action Levels	8.b. Chem	ical Name(s):	8.c. LEL/UE %	8.d. C L Thre Ppi	esh II	Ceiling/ DLH	8.f. STEL/T	LV	8.g. Flash Ignition I (F or C)	Pt Pro	Vapor essure mm)	8.i. Vapor Density		. Specific Gravity	8.1. Boiling Pt F or C
CGI S >109 Radiation S	- 23.5 % LEL NA	Ве	nzene	LEL 1.29 UEL 7.89		pm 300)ppm	2.5ppm 15 minu		12 F		28	2.7		0.87	176
	BD															
	NA															
D	NA															
0.5	ppm								T.~:	2.00	22.22	D / 5				
								Page 87	d (05	S-208-(JG SS	r-A P	age 1 (r	ev 4/1	1 5): Pag	ge <u>1</u> of 9

EMERGENCY SAFETY	1. Incident Name	2. Date/Time Prepared	3. Operational Period	4. Attachments: Attach SDS for each
and RESPONSE PLAN	2 nd 80's Fire	3/27/19	3/29/19	Chemical: Py Gas, Naptha, Toluene
(Cont)				<u> </u>
9. <u>Decontamination</u> :	Suit Wash	Bottle Exchange		
Instrument Drop Off [Outer Suit Removal		
Outer Boots/Glove Removal	Other 🗌	Inner Suit Removal	Work Clothes Remov	⁄al ⊠
Suit/Gloves/Boot Disposal	Specify:	SCBA/Mask Removal	Body Show	er 🔲
	Zones, Locations of Hazards, Security Pe	rimeter, Places of Refuge, Dec	ontamination Line, Evacuation Ro	ites, Assembly Point, Direction of North
Attached, Drawn Below	V:			
N	Seco	nd 80's Fire	The Response	Group
	Decon	Overview Map	Imargancy naspanad Pro-Plancing	cale: 1.72,000
95°8'0"W	95°8'0"W	95°4'0"W 95°2'0	"W 95°0'0"W	
St. San	Mantu	10 73		- Lawber B
Woodforest Blvd		Despy-tisk-thrang Southwest Hogshipyard		Legend
			DECC	Inbound
No East P	N. Channelview	g de la companya de	CANSERN PARK (B)	Outbound 8
Market S	Rd Comments of the Comments of	Burnett Bay		CALCULATED!
	Coupenters.	econ/Visual spection -		BAYTOWN TOWN
		Park		SON SON
100	Hourton Hambourt		9.00	Si S
8		Santa Anno Bayou San	\ \\	
Beltway	Decon Patrick Bayou	Jocinto	201	A STATE OF THE STA
BOON BOON BOON	OpeR 1		Baytown W. Main se	ALEST ALEST
NECKS	Incident I	Location 29° 43' 56.3" N e; 95° 05' 29.3" W	nder Island (Riack	(S)
			Ouek Bay	
	23	Upper San Jac	cinto Boy	
onno	225	Strang Bd		- NOZAGE
DIPWATER WITH ST				Hogg Island
	Deat Park		116	
0.5 1 1.5		The state of the s	N LST. Cut	Docon Team Lach Dock
95"10"0"W 95"5	iow sersionw	95°4°0°W	95°0°0′W	
11.a. Potential Emergencies:		ergency Prevention and Evacua	ition Procedures:	
Fire 🔀				
Explosion			dge change required every 4 hours,	supplied air required for areas where
Over exposure to Benzene \boxtimes		e 25ppm and greater.		
	Other:			
12. a. Communications:	12.b. Command #: (713)208-5583	12.c. Tactical #: N/	A 12.d.	Entry #: N/A
Radio Phone Other				
13.a. Site Security: Local	13.b. Procedures: N/A		13.c.	Equipment: Police cruiser
Sheriffs office				
14.a. Emergency Medical:	14.b. Procedures: Small injuries can be t	reated at staging area by ambu	lance Ambulance will 14 c I	Equipment: 2 paramedics and stocked
Personnel Assigned Acadian	transport injured personell to nearby hos			
Ambulance (409)833-3800	l ansport injured personen to hearby hos	primi for injuries beyond first a	amou	uno.
` /	16 D-4-/Ti D-i-f-1.		T-00	
15. Prepared by:	16. <u>Date/Time Briefed</u> :		ICS	-208-CG SSP-A Page 2
MST1 Alan Larson	3/29/19		(rev	4/15): Page 2 of 9
		Pag	je 88 of 105	11 10 j. 1 ago <u>4</u> 01 /

EMERGENCY SAFETY AND RESPONSE PLAN (ICS-208-CG SSP-A)

Purpose: The Emergency Safety and Response Plan provides the Safety Officer and ICS personnel a plan for safeguarding personnel during the initial emergency phase of the response. *It is only used during the emergency phase of the response, which is defined as a situation involving an uncontrolled release.* It is also intended to meet the requirements of the Hazardous Waste Operations and Emergency Response (HAZWOPER) regulation, Title 29 Code of Federal Regulations Part 1910.120.

Preparation: The Safety Officer or his/her designated staff starts the Emergency Site Safety and Response Plan. They initially address the hazards common to all operations involved in the response (initial site characterization). Outside support organizations must be contacted to ensure the plan is consistent with other plans (local, state, other federal plans). Form ICS-208-CG SSP-G need not be completed if this form is used. When the operation proceeds into the post-emergency phase (site stabilized and cleanup operations begun) forms ICS-208-CG SSP-B and ICS-208-CG SSP-G should be used. For large incidents, the Emergency Site Safety and Response Plan complements the Incident Action Plan. For smaller incidents, the Emergency Site Safety and Response Plan complements ICS-201.

Distribution: The Emergency Safety and Response Plan completed by the Safety Officer is forwarded to the Planning Section Chief. Copies are made and attached to the ICS 204 Assignment List(s). The Operations Section Chief, Directors, Supervisors or Leaders get a copy of the plan. They must ensure it is available on site for all personnel to review. The Safety Officer is responsible for ensuring that the Emergency Site Safety and Response Plan properly addresses the hazards of the operation. The Safety Officer accomplishes this through on site enforcement and feedback to the operational units.

Item#	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Attachments	Enter attachments. Material Safety Data Sheets are mandatory under 1910.120. Safe Work Practices may
		also be attached.
5	Organization	List the personnel responsible for these positions. IC and Safety Officer are mandatory.
6	Physical Hazards &	Check off the physical hazards at the site. Identify the major tasks involved in the response (skimming,
	Protection	lightering, overpacking, etc.). Check off the controls that would be used to safeguard workers from the
		physical hazards for each major task.
7	Chemical/Agent	List the chemicals involved in the response. Chemicals may be listed numerically. Check off the hazards,
		potential health effects, pathway of dispersion, and exposure route of the chemical. Numbers corresponding
		to the chemical may be entered into the check blocks to differentiate. Check off the PPE to be used.
		Identify the type of PPE selected (for example: gloves: butyl rubber).
8	Instruments	Indicate the instruments being used for monitoring. List the action levels adjacent to the instruments being
		used. Identify the chemicals being monitored (2). List the physical parameters of the chemicals. Use a
		separate form for additional chemicals monitored.

CG ICS SITE SAFETY HAZARD IDENTIFICA	` ′	1. Incident Name 2 nd 80's Fire		2. Date/Time Prepared 3/27/19		3. Operation 3/29/19	nal Period		fety Officer (include method of ct): MST1 Alan Larson
EVAL/CONTROL	ATION/	2 80 81416		3/2//19		3/2//17			973-1225
5. Supervisor/Leader CWO Mat Tilmon: (832)256-3261 6. Location and Size of Site Deer Park TX, aproximately 06 square miles of Houston Ship Channel impacted.		7. Site Accessibility Land Water Air Comments: Staging area access prefered		8. For Emergencies Contact: Safety: (786)973-1225 Ambulance: (409)833-3800 Comand post: (225)806-5136			Chemical OR	s: Attach MSDS for each CG 213RR for Ordering lock 10.e. Py Gas, Naptha,	
10.a. Job Task/Activity	10.b. Hazards*		10.c. Pote Effects	ential Injury & Health	10.d. Route	Exposure es	10.e. <u>Controls</u> : E	Engineering, Ad	ministrative, PPE
Small boat operations	Exposure to Be grounding, slips	enzene,collision, s, trips, falls.		ll exposure,drowning, ken bones.	Abso Inges Injec			Resprerators, ad	ests, air monitoring, Air ministrative action levels for
Skimming operations	Exposure to Berfalls.	nzene, slips, trips,		l exposure, muscular nd strains.	Abso Inges Injec				ing Resprerators, s for donning PPE.
Transiting through high concentration areas	Exposure to Be	nzene	Chemica	l exposure.	Abso Inges Injec				ing Resprerators, s for donning PPE.
Sampling operations	Exposure to Berfalls, local wild	nzene, slips, trips, life.	sprains a	ll exposure, muscular and strains, bites from we wildlife.	Abso Inges Injec		Air monitor area.	ring, administra	tive action levels for egressing
Decontamintion	Exposure to Berpressure hot wa noise, slips, trip	iter cleaners in use,		l exposure, muscular nd strains.	Abso Inges Injec			ring, administra s, splash protec	tive action levels for egressing tion, PFD's.
11. Prepared By: MST1 Alan Larson	12. Date/Time I 3/29/19	Briefed:	Ionizing	RD LIST: Physical/Safet Radiation, Biological, B nic, Noise, Cancer, Derma	Biomedi	ical, Electrica	ıl, Heat Stres	s, Cold Stress,	ICS-208-CG SSP-B (rev 4/15): Page 3 of 9

SITE SAFETY PLAN (FORM ICS-208-CG SSP-B)

Purpose: The Site Safety Plan provides the Safety Officer and ICS personnel a plan for safeguarding personnel during the post-emergency phase of an incident. The post-emergency phase is when the situation is stabilized and cleanup operations have begun. ICS-208-CG SSP-B is intended to meet the requirements of the Hazardous Waste Operations and Emergency Response (HAZWOPER) regulation, Title 29 Code of Federal Regulations Part 1910.120.

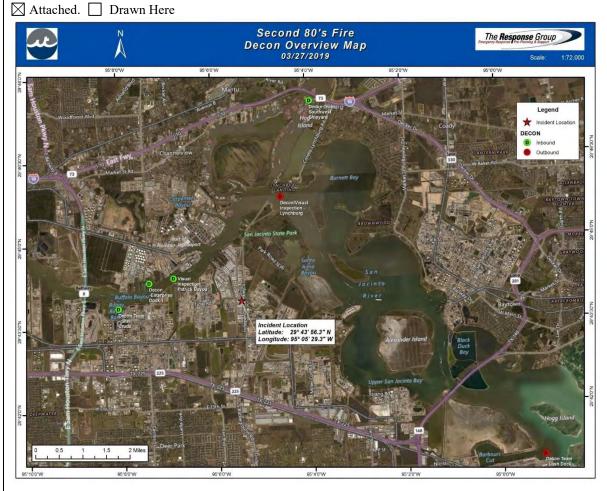
Preparation: The Safety Officer or his/her designated staff starts the Site Safety Plan. They initially address the hazards common to all operations involved in the response (initial site characterization). The plan is then reproduced and as a minimum sent to ICS Group/Division Supervisors. They amend it according to unique job or on-scene hazards with support from the Safety Officer and/or his/her staff (detailed site characterization). The plan is continuously updated to address changing conditions. During the first hours of the response, where most response functions are in the emergency phase, the Safety Officer may chose to use the Emergency Safety and Response Plan (ICS-208-CG SSP-A) in place of the Site Safety Plan. For large incidents, ICS-208-CG SSP-B compliments the Incident Action Plan (IAP). For smaller incidents, ICS-208-CG SSP-B compliments ICS Form 201. The Safety Officer is encouraged to use the HAZWOPER Compliance Checklist (Form ICS-208-CG SSP-K) to ensure the IAP and the 201 address the requirements and all other pertinent ICS forms (203, 205, 206, etc.) are completed.

Distribution: The initial Site Safety Plan completed by the Safety Officer is forwarded to the Planning Section Chief. Copies are made and attached to the Assignment List(s) (ICS Form 204). The Operations Section Chief, Directors, Supervisors or Leaders get a copy and make on site amendments specific to their operation. They must also ensure it is available on site for all personnel to review. The Safety Officer provides personnel from his/her staff to assist in the detailed site characterization. The Safety Officer is responsible for ensuring that the Site Safety Plan for each assignment properly addresses the hazards of the assignment. The Safety Officer must ensure that the safety plans on site are consistent. The Safety Officer accomplishes this through on site enforcement and feedback to the operational units.

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Safety Officer	Enter the name of the Safety Officer and means of contact.
5	Group/Division Supv	The Supervisor/Leader who receives this form will enter their name here.
	Strike Team/TF Leader	
6	Location & size of site	Enter the geographical location of the site and the approximate square area.
7	Site Accessibility	Check the block(s) if the site is accessible by land, water, air, etc.
8	For Emergencies	Enter the name and way to contact the individual who handles emergencies.
	Contact	
9	Attachments	Enter attachments. Material Safety Data Sheets are mandatory under 1910.120. Safe Work Practices may
		also be attached.
10	Job/Task Activity	Enter Job/Task & Activities, list hazards, list potential injury and health effects, check exposure routes
		and identify controls. If more detail is needed for controls, provided attachments.
11	Prepared by	Enter the name and position of the person completing the worksheet.
12	Date/Time Briefed:	Enter the date/time the document was briefed to the appropriate workers and by whom.

CG ICS SSP: SITE MAP			2. Date/Time Prepared 3. Operational Period 3/27/19 3/29/19		4. Safety Officer (include method of contact): MST1 Alan Larson (786)973-1225		
5. Supervisor/Leader CWO Mat Tilmon: (832)256-3261		6. Location and Size of Site Deer Park TX, aproximately 06 square miles of Houston Ship Channel impacted.	7. Site Accessibility Land⊠ Water⊠ Air ☐ Comments: Staging area access prefered	8. For Emergencies Contact: Safety: (786)973-1225 Ambulance: (409)833- 3800 Comand post: (225)806- 5136	9. Include: - Work Zones Hazards - Security Perimeter - Decontamination Line Routes	- Locations of - Places of Refuge - Evacuation	

10. Sketch of Site:



11. Prepared By:	12. Date/Time	HAZARD LIST: Physical/Safety, Toxic, Explosion/Fire, Oxygen	ICS-208-CG SSP-C
MST1 Alan Larson	Briefed:	Deficiency, Ionizing Radiation, Biological, Biomedical, Electrical,	
	3/29/19	Heat Stress, Cold Stress, Ergonomic, Noise, Cancer, Dermatitis,	(rev 4/15):
		Drowning, Fatigue, Vehicle, & Diving	Page <u>4</u> of 9

Purpose: The Site Map for the Site Safety Plan is required by Title 29 Code of Federal Regulations Part 1910.120. It provides in 1 place a visual description of the site which can help ICS personnel locate hazards, identify evacuation routes and places of refuge.

Preparation: The Site Map for the Site Safety Plan can be completed by the Safety Officer, his/her staff or by ICS field personnel (Group Supervisors, Task Force/Strike Team Leaders) working at a site with unique and specific hazards. One or several maps may be developed, depending on the size of the incident and the uniqueness of the hazards. The key is to ensure that the workers using the map(s) can clearly identify the work zones, locations of hazards, evacuation routes and places of refuge.

Distribution: This form must be located with the Site Safety Plan (ICS-208-CG SSP-B). It therefore follows the same distribution route.

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Safety Officer	Enter the name of the Safety Officer and means of contact.
5	Supervisor/Leader	The Supervisor/Leader who receives this form will enter their name here.
6	Location & size of	Enter the geographical location of the site and the approximate square area.
	site	
7	Site Accessibility	Check the block(s) if the site is accessible by land, water, air, etc.
8	For Emergencies	Enter the name and way to contact the individual who handles emergencies.
	Contact	
9	Include	Ensure the map includes the listed items provided in this block.
10	Sketch of Site	Sketch of site for work. May attach map or chart.
10	Prepared by	Enter the name and position of the person completing the worksheet.
11	Date/Time Briefed:	Enter the date/time the document was briefed to the appropriate workers and by whom.

CG ICS SSP: EMERGENCY RESPONS PLAN		ent Name Fire	2. Date/Time Pre 3/27/19	pared	3. Operational Period 3/29/19		4. Safety Officer (include method of contact): MST1 Alan Larson (786)973-1225	
5. Supervisor/Leader CWO Mat Tilmon: (832)256-3261	Deer Park 7	and Size of Site TX, aproximately 06 s of Houston Ship pacted.	7. For Emergencies Safety: (786)973-12 Ambulance: (409)8 Comand post: (225)	225 33-3800		8. Attachments: INCLUDE ICS FORM 206 and EMT Medical Response Procedures		
9. Emergency Alarm (sound and location)	10. Backup location)	Alarm (sound and	11. Emergency Han	d Signals	12. Emergency Personal	Protective	Equipment Required:	
N/A	N/A		Wave hands or shir head (international signal)		Air Purifying Resperator Gloves, Boots, PFD's, T	sperator with 8 hour Hepa cartridges. FD's, Tyvek outer suit.		
13. Emergency Notification Pro	ocedures	14. Places of Refuge form 208B)	(also see site map	15. Eme Steps	rgency Decon and Evacua	tion	16. Site Security Measures	
Notify your direct supervisor of injuries. If injury is beyond basic first air notify Safety Officer and Unified Command. An ambulance is available at the area 24/7 and will take care of coinjured personnel. Ambulance: (409)833-3800 Comand post: (225)806-5136 Safety: (786)973-1225	d imidiatley ed e staging	Staging area on Laund	ch road.	Per DEC	CON plan.		Site entry is manned by local sheriff 24/7, if any suspicious activity is observed by on scene responders they can imidiatly notify the sheriff.	
17. Prepared By: MST1 Alan Larson	18. Date/Ti	me Briefed: 3/29/19	Deficiency, Ionizing	g Radiation Ergonomic	Cety, Toxic, Explosion/Fire , Biological, Biomedical, , Noise, Cancer, Dermatiti Page 96 of 105	Electrical,		

EMERGENCY RESPONSE PLAN (ICS-208-CG SSP-D)

Purpose: The Emergency Response Plan provides information on measures to be taken in the event of an emergency. It is used in conjunction with the Site Safety Plan (Form ICS-208-CG SSP-B). It is also required by Title 29 Code of Federal Regulations Part 1910.120.

Preparation: The Safety Officer, his/her staff member or the Site Supervisor/Leader prepares the Emergency Response Plan. A copy of the Medical Plan (ICS Form 206) must always be attached to this form.

Distribution: This form must be located with Site Safety Plan (ICS-208-CG SSP-B). It therefore follows the same distribution route.

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Safety Officer	Enter the name of the Safety Officer and means of contact.
5	Supervisor/Leader	The Supervisor/Leader who receives this form will enter their name here.
6	Location & size of	Enter the geographical location of the site and the approximate square area.
	site	
7	For Emergencies	Enter the name and way to contact the individual who handles emergencies.
	Contact	
8	Attachments	Enter attachments. ICS Form 206 must be included.
9	Emergency Alarm	Enter a description of the sound of the emergency alarm and it's location.
10	Backup Alarm	Enter a description of the sound of the emergency alarm and it's location.
11	Emergency Hand	Enter the emergency hand signals to be used.
	Signals	
12	Emergency Personal	Enter the emergency personal protective equipment that may be needed in the event of an emergency.
	Protective	
	Equipment Required	
13	Emergency	Enter the procedures for notifying the appropriate personnel and organizations in the event of an emergency.
	Notification	
	Procedures	
14	Places of Refuge	Enter by name the place of refuge personnel can go to in the event of an emergency.
15	Emergency Decon &	Enter emergency decontamination steps and evacuation procedures.
	Evacuation Steps	
16	Site Security	Enter site security measures needed for emergencies.
	Measures	
17	Prepared by	Enter the name and position of the person completing the worksheet.
18	Date/Time Briefed:	Enter the date/time the document was briefed to the appropriate workers and by whom.

CG ICS SSP: AIR MONITORING LOG	1. Incident Name 2 nd 80's Fire	2. Date/Time Prepared: 3/27/19	3. Operational Period 3/29/19	4. Safety Officer (include method of contact) MST1 Alan Larson (786)973-1225			
5. Site Location Deer Park TX	6. Hazards of Concern Benzene	7. Action Levels (in 0.5ppm = APR 25ppm = Suplied air		8. Weather: Air Temperature: Water Temp: Precipitation: Wind: Relative Humidity: Cloud Cover:			
9.a. Instrument, ID Number Calibrated? Indicate below.	9.b. Monitoring Person Name(s)	9.c. Results (units)	9.d. Location	9.f. Time	9.g. Interferences and Comments		
Follow air monitoring plan in place developed by CTEH							
10. Safety Officer Review: MST1 Alan Larson (786)973-1225		Nervous System Eff	ects: Bruise/Lacerations, Org ects, Cancer, Reproductive E aring Loss, Dermatitis, Resp ning	Damage, Low Back	ICS-208-CG SSP-E-1 (rev 4/15): Page <u>6</u> of <u>9</u>		

DAILY AIR MONITORING LOG (FORM ICS-208-CG SSP-E-1)

Purpose: The Exposure Monitoring Log provides documentation of air monitoring conducted during a spill. The log is a supplement to the Site Safety Plan (ICS-208-CG SSP-B). It is only required when performing air monitoring operations. The information used from the log can help update the Site Safety Plan.

Preparation: Persons conducting monitoring complete the Daily Air Monitoring Log. Normally these are air monitoring units under the Site Safety Officer. If there is a decision not to monitor during a spill, the reasons must be stated clearly in the Site Safety Plan (ICS-208-CG SSP-B).

Distribution: The Daily Air Monitoring Log when completed is copied and forwarded to the Site Safety Officer who must review and sign the form. The original form must be available on site, readily available and briefed to all impacted ICS personnel.

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Safety Officer	Enter the name of the Safety Officer and means of contact.
5	Location & size of site	Enter the geographical location of the site and the approximate square area.
6	Hazards of Concern	Enter the hazards being monitored.
7	Action Levels	Enter the action levels/readings for the monitoring teams.
8	Weather	Enter weather information. Ensure units of measure are listed.
9	Air Monitoring Data	Enter the instrument type and number, persons monitoring, results with appropriate units, location of
		reading, time of reading and interferences and comments.
10	Safety Officer Review	The Safety Officer must review and sign the form.

ed les sel l'Ensorate				2. Date/Time Prepared 3/27/19					ety Officer (include method of	
PROTECTIVE EQUIPMENT 2 nd 8		2 80 8 File	-	3/2//19		3/29/19		contact): MST1 Alan Larson (786)973-1225		
5. Supervisor/Leader 6. Location and Size of Site			•					or Emergencies Contact:		
CWO Mat Tilmon: (832)256-3261		Park TX, aproximately 06 of Houston Ship Channel			Chemical exposure (Benzene) Oil and foam slury			Safety: (786)973-1225 Ambulance: (409)833-3800		
(002)200 0201		or mountain simp committee	p wo to w	011 4114 100					post: (225)806-5136	
9. Equipment:	PFD								10. 1	References Consulted:
Tyvek outer suit										
gloves										
Boots										
Resperator										
Safety Glasses										
11. Inspection Procedures:		12. Donning Proced	ures:		13. Doffing	Pro	cedures:			tations and Precautions (include m stay time in PPE):
Disposal of contaminated PPE	is at	Per organizations SO	Per organizations SOP		Per organizations SOP					
OMI's barge dock or via poly b	ag at								_	es are to be replaced every 4 hours
stagin area. Ensure no contamir	nated P	PE								nd of work day. Supplied air is to be
leaves the staging area.								ι	itilized i	f over 25ppm is observed.
All PPE to be disposed of in ap	proved									
recepticals.										
15. Prepared By:		ate/Time Briefed:					erations, Organ I			ICS-208-CG SSP-F:
MST1 Alan Larson	3/29/1	19					eproductive Dama			(Rev 4/15)
				Pain, Temporary Hearing Loss, Dermatitis, Respiratory Effects, Bone Breaks, Eye Burning					one	Page <u>7</u> of 9

PERSONAL PROTECTIVE EQUIPMENT (ICS-208-CG SSP-F)

Purpose: The Personal Protective Equipment form is a list of personal protective equipment to be used in operations. The listing of personal protective equipment is required by Title 29 Code of Federal Regulations Part 1910.120.

Preparation: The Personal Protective Equipment form is completed by the Site Safety Officer, or his/her staff. Personal protective equipment common to all ICS Operations personnel is addressed first. Jobs with unique personal protective equipment requirements (fall protection) are addressed next. When the form is delivered on site, the ICS Director, Supervisor, or Leader may amend the list to ensure personnel are adequately protected from job hazards. It must be completed prior to the onset of any operations, unless addressed elsewhere by Standard Operating Procedures.

Distribution: This form must be located with Site Safety Plan (ICS-208-CG SSP-B). It therefore follows the same distribution route.

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Safety Officer	Enter the name of the Safety Officer and means of contact.
5	Supervisor/Leader	The Supervisor/Leader who receives this form will enter their name here.
6	Location & size of site	Enter the geographical location of the site and the approximate square area.
7	Hazard(s) Addressed:	Enter the hazards that need to be safeguarded.
8	For Emergencies	Enter the name and way to contact the individual who handles emergencies.
	Contact	
9	Equipment	List the equipment needed to address the hazards. If pre-designed Safe Work Practices are used, indicate here
		and attach to form.
10	References consulted	List the references used in making the selection for PPE.
11	Inspection Procedures	Enter the procedures for inspecting the Personal Protective Equipment prior to donning. If pre-designed Safe
		Work Practices are used, indicate here and attach to form.
12	Donning Procedures	Enter the procedures for putting on the PPE. If pre-designed Safe Work Practices are used, indicate here and
		attach to form.
13	Doffing Procedures	Enter the information for removing the PPE. If pre-designed Safe Work Practices are used, indicate here and
		attach to form.
14	Limitations and	List the limitations and precautions when using PPE. Include the maximum time to be inside the PPE, Heat
	Precautions	Stress concerns, psychomotor skill detraction and other factors.
15	Prepared by	Enter the name and position of the person completing the worksheet.
16	Date/Time Briefed:	Enter the date/time the document was briefed to the appropriate workers and by whom.

CG ICS SSP: DECONTAMINATION 1. Incident N 2 nd 80's Fire			2. Date/Time Prepared 3/27/19	3/29/19 conta		Safety Officer (include method of atact): MST1 Alan Larson 6)973-1225
		k TX, aproximately 06 niles of Houston Ship	7. For Emergencies Contact: Safety: (786)973-1225 Ambulance: (409)833-3800 Comand post: (225)806-5136		8. Hazard(s) Ac Chemical expos Oil and foam sl	sure (Benzene)
9. Equipment:						10. References Consulted:
Follow DECON Plan.						
11. Contamination Avoidance I	Practices:	12. Decon Diagram:	Attached, Drawn below			13. Decon Steps
Avoid eating and drinking while contaminated garments.	e wearing	DECON is to take place	If PPE has failed, utilize DECON proceedures and transport person to			
		Follow DECON Plan.				ambulance on stand by for transport to emergency medical care.
14. Prepared By: MST1 Alan Larson (786)987-1225	15. Date 3/29/19	/Time Briefed:	Potential Health Effects: Bruis Nervous System Effects, Cand Pain, Temporary Hearing Los Breaks, Eye Burning	eer, Reproductive Dam	age, Low Back	ICS-208-CG SSP-G (rev 4/15): Page 8 of 9

DECONTAMINATION (ICS-208-CG SSP-G)

Purpose: The Decontamination form provides information on how workers can avoid contamination and how to get decontaminated. It is a supplemental form to the Site Safety Plan.

Preparation: The Decontamination Form can be completed by the Site Safety Officer, a member of his/her staff or by the Group/Division Supervisor, Task Force/Strike Team Leader on the site

Distribution: This form must be located with Site Safety Plan (ICS-208-CG SSP-B). It therefore follows the same distribution route.

Item #	Item Title	Instructions
1	Incident Name	Print the name assigned to the incident.
2	Date/Time Prepared	Enter date (month, day, year) prepared.
3	Operational Period	Enter the time interval for which the assignment applies.
4	Safety Officer	Enter the name of the Safety Officer and means of contact.
5	Supervisor/Leader	The Supervisor/Leader who receives this form will enter their name here.
6	Location & size of site	Enter the geographical location of the site and the approximate square area.
7	For Emergencies	Enter the name and way to contact the individual who handles emergencies.
	Contact	
8	Hazard(s) Addressed:	Enter the hazards that need to be safeguarded.
9	Equipment	Enter the decontamination equipment needed for the site. If pre-designed Safe Work Practices are used,
		indicate here and attach to this form.
10	References consulted	List the references used in making the selection for PPE.
11	Contamination	Enter procedures for personnel to avoid contamination. If pre-designed Safe Work Practices are used,
	Avoidance Practices	indicate here and attach to form.
12	Decon Diagram	Draw a diagram for the decontamination operation. If pre-designed Safe Work Practices are used, indicate
		here and attach to form.
13	Decon Steps	List the decontamination steps.
14	Prepared by	Enter the name and position of the person completing the worksheet.
15	Date/Time Briefed:	Enter the date/time the document was briefed to the appropriate workers and by whom.

		2. Site Location:	3. Attachments:		
ACKNOWLEDGEMENT FORM	2 nd 80's Fire	Staging Area			
4. Type of Briefing	5. Presented By:		6. Date Presented	7. Time Presented	
Safety Plan/Emergency Response Plan	MST1 Alan Larson		o. Bate Tresented	7. Time Tresented	
Start Shift Pre-Entry	Kennith Pounds				
Exit					
Specify Other: 8.a. Worker Name (Print)	8.b. Signature*		8.c. Date	8.d. Time	
o.a. Worker Name (11mt)	o.o. Signature		o.c. Date	o.u. Time	
* By signing this document, I am stating that	I have read and fully unders	tand the ICS-208-CG SSP-	I (rev 4/15): Worker	Acknowledgement	
plan and/or information provided to me.			,	Page <u>9</u> of <u>9</u>	

WORKER ACKNOWLEDGEMENT FORM (ICS-208-CG SSP-I)

Purpose: The Worker Acknowledgement form is used to document workers who have received safety briefings.

Preparation: Those personnel responsible for conducting safety briefings complete this form initially. Once the briefings are completed, workers who were briefed print their name, sign, date and indicate the time of the briefing.

Distribution: This form is returned to the Safety Officer or designated representative at the end of each operational period.

Item	Item Title	Instructions
#		
1	Incident Name	Print the name assigned to the incident.
2	Site Location	Indicate the location where the briefings are held.
3	Attachments	Indicate any attachments used as part of the briefings.
4	Type of briefing	Check the block next to the type of briefing.
5	Presented by	Enter the name of the person conducting the briefing.
6	Date Presented	Enter the date of the briefing.
7	Time Presented	Enter the time of the briefing.
8	Worker Name, Signature,	Workers receiving the briefing print their name, sign, date and enter the time they acknowledge the
	Date and Time	briefing.